



Delivery Programme

Engineering Plastic Products

You inspire ... we materialize®



QUADRANT

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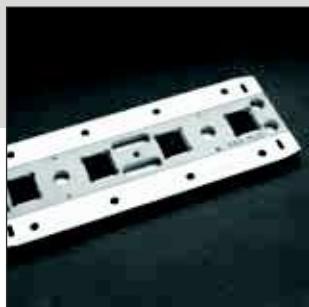
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Advanced Engineering Plastics for elevated temperature range up to 310 °C

Duratron® PBI | Duratron® PAI | Ketron® | Fluorosint® | Semitron®



Duratron® PBI

Duratron PBI [PBI; colour black]

Duratron PBI offers the highest temperature resistance and best mechanical property retention over 200 °C of all unfilled thermoplastics. Duratron PBI is very «clean» in terms of ionic impurity and does not outgas [except water]. These characteristics make this material extremely attractive to high-tech industries such as semiconductor and aerospace industries. Usually Duratron PBI is used in critical components to decrease maintenance costs and to gain valuable production «uptime». It is used to replace metals and ceramics in pump components, valve seats [high tech valves], bearings, rollers, high temperature insulators.

Duratron® PAI

Duratron T4203 PAI [extruded] [PAI; colour yellow-ochre]

Duratron T4503 PAI [compression moulded] [PAI; colour yellow-ochre]

Duratron T4203 PAI offers the best toughness and impact strength of all Duratron PAI grades. This extruded Duratron PAI grade is very popular for precision parts in high-tech equipment. In addition, its good electrical insulating ability provides numerous possibilities in the field of electrical components. Compression moulded Duratron T4503 PAI is similar in composition to Duratron T4203 PAI, and is selected when larger shapes are required.

Duratron T4301 PAI [extruded] [PAI + graphite + PTFE; colour black]

Duratron T4501 PAI [compression moulded] [PAI + graphite + PTFE; colour black]

The addition of PTFE and graphite provides higher wear resistance and lower coefficient of friction compared to the unfilled grade as well as a lower tendency to stick-slip. Duratron T4301 PAI also offers excellent dimensional stability over a wide temperature range. This extruded Duratron PAI grade excels in severe wear applications such as non-lubricated bearings, seals, bearing cages and reciprocating compressor parts. Compression moulded Duratron T4501 PAI is similar in composition to Duratron T4301 PAI, and is selected when larger shapes are required.

Duratron T5530 PAI [compression moulded] [PAI-GF30; colour black]

This 30% glass fibre reinforced grade offers higher stiffness, strength and creep resistance than the Duratron PAI grades mentioned above. It is well suited for structural applications supporting static loads for long periods of time at high temperatures. In addition, Duratron T5530 PAI exhibits superb dimensional stability up to 250 °C making it extremely popular for precision parts in e.g. the electronical and semiconductor industries. The suitability of Duratron T5530 PAI for sliding parts, however, is to be carefully examined since the glass fibres tend to abrade the mating surface.

Advanced Engineering Plastics for elevated temperature range up to 310 °C

Duratron® PBI | Duratron® PAI | Ketron® | Fluorosint® | Semitron®

Ketron®

Ketron 1000 PEEK [PEEK; colours natural [brownish-grey] or black]

Ketron 1000 PEEK stock shapes are produced from virgin polyetheretherketone resin and offer the highest toughness and impact strength of all Ketron PEEK grades. Both Ketron 1000 PEEK natural & black can be sterilised by all conventional sterilisation methods [steam, dry heat, ethylene oxide and gamma irradiation]. Additionally, the composition of the raw materials used for the manufacture of Ketron 1000 PEEK stock shapes complies with the regulations of the European Union [Directive 2002/72/EC, as amended] and the United States of America [FDA] for plastic materials and articles intended to come into contact with foodstuffs.

Ketron GF30 PEEK [GF30 PEEK; colour brownish-grey]

This 30 % glass fibre reinforced grade offers a higher stiffness and creep resistance than Ketron 1000 PEEK and has a much better dimensional stability. This grade is very appropriate for structural applications carrying high static loads for long periods of time at elevated temperatures. The suitability of Ketron GF30 PEEK for sliding parts, however, is to be carefully examined since the glass fibres tend to abrade the mating surface.

Ketron HPV PEEK [PEEK + CF + PTFE + graphite; colour black]

The addition of carbon fibres, PTFE and graphite to virgin PEEK results in a Ketron PEEK «bearing grade». Its excellent tribological properties [low friction, long wear and high pressure-velocity capabilities] make this grade especially suited for wear and friction applications.

Ketron CA30 PEEK [CF30 PEEK; colour black]

This 30 % carbon fibre reinforced grade combines even higher stiffness, mechanical strength and creep resistance than Ketron GF30 PEEK with an optimum wear resistance. Moreover, compared with unreinforced PEEK, the carbon fibres considerably reduce thermal expansion and provide 3.5 times higher thermal conductivity – dissipating heat from the bearing surface faster, improving bearing life and pressure-velocity capabilities.

Ketron TX PEEK [PEEK + solid lubricant; colour blue]

This new member of the Ketron PEEK family has been developed especially for the food industry. Like Ketron 1000 PEEK, this new internally lubricated material has a food contact compliant composition, but offers far superior wear and frictional performance, making it especially suitable for a wide variety of bearing and wear applications in the 100 to 200 °C service temperature range.

Fluorosint®

Fluorosint 500 [PTFE + mica; colour ivory]

Reinforced with a proprietary synthetic mica, this material exhibits, in addition to its inherent outstanding chemical and hydrolysis resistance, very good mechanical and tribological properties. Fluorosint 500 has nine times greater resistance to deformation under load than unfilled PTFE. Its coefficient of linear thermal expansion approaches the expansion rate of aluminium and is 1/5 that of virgin PTFE, often eliminating fit and clearance problems. It is considerably harder than virgin PTFE, has better wear characteristics and maintains low frictional properties. Fluorosint 500 is also non-abrasive to most mating materials.

Fluorosint 207 [PTFE + mica; colour white]

This material has a food contact compliant composition which, in combination with the good mechanical performance, dimensional stability, sliding and wear properties and inherent outstanding chemical and hydrolysis resistance of Fluorosint, opens numerous application possibilities in food, pharmaceutical and chemical processing industries.

Advanced Engineering Plastics for elevated temperature range up to 310 °C

Duratron® PBI | Duratron® PAI | Ketron® | Fluorosint® | Semitron®

Semitron®

Semitron ESd 410C [static dissipative PEI; colour black]

Having an excellent mechanical performance up to 210 °C, Semitron ESd 410C provides ESd-solutions at higher temperatures. Additionally, Semitron ESd 410C exhibits excellent dimensional stability [low coefficient of linear thermal expansion and small water absorption], ideal for handling equipment in the electrical/electronic or semiconductor industries.

Semitron ESd 500HR [static dissipative PTFE; colour white]

Reinforced with a proprietary synthetic mica, Semitron ESd 500HR offers an excellent combination of low frictional properties, good dimensional stability and electrostatic dissipation. Whenever virgin PTFE causes electrical discharge problems, Semitron ESd 500HR will provide a controlled bleed-off of static charges while maintaining typical PTFE-properties such as broad chemical resistance and low coefficient of friction.

Semitron ESd 520HR [static dissipative PAI; colour khaki-grey]

Semitron ESd 520HR has an industry first combination of electrostatic dissipation [ESd], high strength and heat resistance. This new ESd material is ideal for making nests, sockets and contactors for test equipment and other device handling components in the semiconductor industry. The key feature of Semitron 520HR is its unique ability to resist dielectric breakdown at high voltages [>100 V]. Whereas e.g. typical carbon fibre enhanced products become irreversibly more conductive when exposed to even moderate voltages, Semitron ESd 520HR maintains its electrical performance throughout the voltage range 100 to 1000 V, while offering the mechanical performance needed to excel in demanding applications.

Duratron® PBI



Polybenzimidazole [PBI]

Duratron® CU60 PBI

ROUND RODS			
Diameters ^{[1][2]}		Duratron® CU60 PBI	
[mm]	[inches]	Standard length: [305 mm ^[1]] [kg/pce ^[3]]	
9,53	3/8	0,03	<input type="checkbox"/>
12,70	1/2	0,05	<input type="checkbox"/>
15,88	5/8	0,08	<input checked="" type="checkbox"/>
19,05	3/4	0,11	<input checked="" type="checkbox"/>
22,23	7/8	0,15	<input type="checkbox"/>
25,40	1	0,20	<input checked="" type="checkbox"/>
31,75	1 1/4	0,31	<input checked="" type="checkbox"/>
38,10	1 1/2	0,45	<input type="checkbox"/>

ROUND RODS			
Diameters ^{[1][2]}		Duratron® CU60 PBI	
[mm]	[inches]	Standard length: [153 mm ^[1]] [kg/pce ^[3]]	
50,80	2	0,40	<input type="checkbox"/>
66,68	2 11/16	0,84	<input type="checkbox"/>
88,90	3 1/2	1,26	<input type="checkbox"/>
98,43	3,875	1,80	<input type="checkbox"/>

^[1]: all dimensions shown are minimum values

^[2]: for non-listed intermediate diameters, please consult us

^[3]: theoretical weights, based on nominal dimensions and average density

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

Duratron® PBI



Polybenzimidazole [PBI]

Duratron® CU60 PBI

PLATES						
Thicknesses ^[1]		Duratron® CU60 PBI				
[mm]	[inch]	Standard size per piece: [305 x 305 mm ^[1]] [kg/pce ^[2]]			Standard size per piece: [305 x 610 mm ^[1]] [kg/pce ^[2]]	
12,70	1/2	1,57	■		3,14	□
15,88	5/8	1,96	□		3,82	□
19,05	3/4	2,36	□		4,71	□
22,23	7/8	2,69	□		5,38	□
25,40	1	3,14	■		6,14	□
31,75	1 1/4	3,93	□		8,68	□
38,10	1 1/2	4,59	□		9,22	□

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Duratron® PBI



Polybenzimidazole [PBI]

Duratron® CU60 PBI

TUBES			
Diameters ^{[1] [2]}		Duratron® CU60 PBI	
[mm] O.D. x I.D.	[inches] O.D. x I.D.	Standard length: [153 mm ^[1]] [kg/pce ^[3]]	
41,28 x 19,05	1 5/8 x 3/4	0,23	<input type="checkbox"/>
66,68 x 25,40	2 5/8 x 1	0,74	<input type="checkbox"/>
66,68 x 31,75	2 5/8 x 1 1/4	0,57	<input type="checkbox"/>
85,73 x 60,33	3 3/8 x 2 3/8	0,67	<input type="checkbox"/>
98,43 x 44,45	3 7/8 x 1 3/4	1,30	<input type="checkbox"/>
98,43 x 53,98	3 7/8 x 2 1/8	1,05	<input type="checkbox"/>
101,60 x 44,45	4 x 1 3/4	1,57	<input type="checkbox"/>
114,30 x 44,45	4 1/2 x 1 3/4	2,06	<input type="checkbox"/>
117,48 x 69,85	4 5/8 x 2 3/4	1,67	<input type="checkbox"/>
133,35 x 60,33	5 1/4 x 2 3/8	2,74	<input type="checkbox"/>
177,80 x 101,60	7 x 4	4,06	<input type="checkbox"/>

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: non-standard item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

Duratron® PAI



Polyamide-imide [PAI] [PAI + GRAPHITE + PTFE] [PAI-GF30]

Duratron® T4203 PAI
Duratron® T4301 PAI

ROUND RODS			
Diameters ^{[1][2]}		Duratron® T4203 PAI	
[mm]	[inches]	Standard length: [2440 mm ^[1]] [kg/pce ^[3]]	
2,38	3/32	0,02	<input type="checkbox"/>
3,18	1/8	0,03	<input type="checkbox"/>
6,35	1/4	0,11	<input checked="" type="checkbox"/>
9,53	3/8	0,31	<input checked="" type="checkbox"/>
12,70	1/2	0,44	<input checked="" type="checkbox"/>
15,88	5/8	0,79	<input checked="" type="checkbox"/>
19,05	3/4	0,98	<input checked="" type="checkbox"/>
25,40	1	1,74	<input checked="" type="checkbox"/>
31,75	1 1/4	2,95	<input checked="" type="checkbox"/>
34,93	1 3/8	3,30	<input type="checkbox"/>
38,10	1 1/2	3,92	<input checked="" type="checkbox"/>
50,80	2	7,36	<input checked="" type="checkbox"/>

ROUND RODS			
Diameters ^{[1][2]}		Duratron® T4301 PAI	
[mm]	[inches]	Standard length: [2440 mm ^[1]] [kg/pce ^[3]]	
6,35	1/4	0,11	<input checked="" type="checkbox"/>
9,53	3/8	0,25	<input checked="" type="checkbox"/>
12,70	1/2	0,45	<input checked="" type="checkbox"/>
15,88	5/8	0,70	<input checked="" type="checkbox"/>
19,05	3/4	1,14	<input checked="" type="checkbox"/>
25,40	1	1,79	<input checked="" type="checkbox"/>
31,75	1 1/4	2,80	<input checked="" type="checkbox"/>
34,93	1 3/8	3,39	<input type="checkbox"/>
38,10	1 1/2	4,03	<input type="checkbox"/>
50,80	2	7,17	<input checked="" type="checkbox"/>

^[1]: all dimensions shown are minimum values

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^[3]: theoretical weights, based on nominal dimensions and average density

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: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

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Duratron® PAI



Polyamide-imide [PAI] [PAI + GRAPHITE + PTFE] [PAI-GF30]

Duratron® T4503 PAI
Duratron® T4501 PAI
Duratron® T5530 PAI

ROUND RODS								
Diameters ^{[1][2]}		Duratron® T4503 PAI		Duratron® T4501 PAI		Duratron® T5530 PAI		
[mm]	[inch]	Standard length per piece: [153 mm ^[1]]		[kg/pce ^[3]]		[kg/pce ^[3]]		
		—	—	—	—	—	—	—
50,80	2	—	—	—	—	0,50	□	—
53,98	2 1/8	—	—	—	—	0,57	□	—
57,15	2 1/4	0,55	□	—	—	—	—	—
60,33	2 3/8	—	—	0,64	□	0,71	□	—
63,50	2 1/2	0,68	□	—	—	—	—	—
66,68	2 5/8	—	—	0,78	□	1,01	□	—
69,85	2 3/4	0,82	□	—	—	—	—	—
73,03	2 7/8	—	—	0,93	□	1,03	□	—
76,20	3	0,97	□	—	—	—	—	—
79,38	3 1/8	—	—	1,10	□	1,22	□	—
82,55	3 1/4	—	—	—	—	—	—	—
85,73	3 3/8	—	—	1,28	□	1,42	□	—
88,90	3 1/2	1,33	□	—	—	—	—	—
95,25	3 3/4	—	—	—	—	—	—	—
98,43	3 7/8	—	—	—	—	—	—	—
101,60	4	1,60	□	2,04	□	2,00	□	—
127,00	5	2,94	□	2,81	□	3,12	□	—
152,40	6	3,91	□	4,05	□	4,49	□	—
177,80	7	5,34	□	5,51	□	6,12	□	—
203,20	8	7,52	□	7,69	□	7,99	□	—
228,60	9	8,79	□	9,11	□	10,10	□	—
254,00	10	11,76	□	11,25	□	12,50	□	—

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Duratron® PAI



Polyamide-imide [PAI] [PAI + GRAPHITE + PTFE] [PAI-GF30]

Duratron® T4203 PAI
 Duratron® T4301 PAI
 Duratron® T4501 PAI
 Duratron® T5530 PAI

PLATES			
Thicknesses ^{[1][2]}		Duratron® T4203 PAI	
[mm]	[inches]	Standard size per piece: [305 x 1220 mm ^[1]] [kg/pce ^[3]]	
6,35	1/4	3,89	■
9,53	3/8	5,66	■
12,70	1/2	7,43	■
15,88	5/8	8,33	□
19,05	3/4	9,99	□
25,40	1	14,50	□

PLATES			
Thicknesses ^{[1][2]}		Duratron® T4301 PAI	
[mm]	[inches]	Standard size per piece: [305 x 1220 mm ^[1]] [kg/pce ^[3]]	
6,35	1/4	3,43	■
9,53	3/8	5,14	■
12,70	1/2	6,85	■
15,88	5/8	8,57	■
19,05	3/4	10,30	□
25,40	1	13,70	□

PLATES			
Thicknesses ^{[1][2]}		Duratron® T4501 PAI	
[mm]	[inches]	Standard sizes per piece: [305 x 305 mm ^[1]] [kg/pce ^[3]]	
9,53	3/8	1,28	□
12,70	1/2	1,71	□
15,88	5/8	2,14	□
19,05	3/4	2,57	□
25,40	1	3,43	□
31,75	1 1/4	4,93	□
38,10	1 1/2	5,15	□
44,45	1 3/4	6,00	□
50,80	2	7,82	□
		2,56	□
		3,43	□
		4,28	□
		5,14	□
		6,86	□
		8,56	□
		10,30	□
		—	—
		—	—
		—	—
		1,43	□
		1,90	□
		2,38	□
		2,85	□
		3,80	□
		4,76	□
		5,71	□
		6,66	□
		7,61	□
		—	—
		—	—
		2,85	□
		3,80	□
		4,76	□
		5,71	□
		7,61	□
		9,52	□
		11,40	□
		—	—
		—	—
		—	—

^[1]: all dimensions shown are minimum values

^[2]: for non-listed intermediate diameters, please consult us

^[3]: theoretical weights, based on nominal dimensions and average density

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Products on this page are made with genuine Torlon resin by Solvay Advanced Polymers.

Duratron® PAI



Polyamide-imide [PAI]

Duratron® T4501 PAI

TUBES			
Diameters ^[1] [2]		Duratron® T4501 PAI	
[mm] O.D. x I.D.	[inches] O.D. x I.D.	Standard length: [153 mm ^[1]] [kg/pce ^[3]]	
50,80 x 25,40	2 x 1	0,59	<input type="checkbox"/>
69,85 x 44,45	2 3/4 x 1 3/4	0,57	<input type="checkbox"/>
76,20 x 44,45	3 x 1 3/4	0,84	<input type="checkbox"/>
82,55 x 44,45	3 1/4 x 1 3/4	1,04	<input type="checkbox"/>
114,30 x 44,45	4 1/2 x 1 3/4	1,69	<input type="checkbox"/>
114,30 x 88,90	4 1/2 x 3 1/2	1,16	<input type="checkbox"/>
127,00 x 44,45	5 x 1 3/4	3,02	<input type="checkbox"/>
127,00 x 76,20	5 x 3	2,79	<input type="checkbox"/>
127,00 x 104,78	5 x 4 1/8	1,40	<input type="checkbox"/>
139,70 x 111,13	5 1/2 x 4 3/8	2,88	<input type="checkbox"/>
177,80 x 50,80	7 x 2	11,03	<input type="checkbox"/>
177,80 x 101,60	7 x 4	4,87	<input type="checkbox"/>
177,80 x 127,00	7 x 5	2,61	<input type="checkbox"/>
184,15 x 158,75	7 1/4 x 6 1/4	1,62	<input type="checkbox"/>
203,20 x 50,80	8 x 2	14,70	<input type="checkbox"/>
203,20 x 127,00	8 x 5	5,74	<input type="checkbox"/>
203,20 x 152,40	8 x 6	4,35	<input type="checkbox"/>
228,60 x 127,00	9 x 5	8,80	<input type="checkbox"/>
228,60 x 152,40	9 x 6	6,81	<input type="checkbox"/>
228,60 x 177,80	9 x 7	4,97	<input type="checkbox"/>
254,00 x 76,20	10 x 3	22,30	<input type="checkbox"/>
254,00 x 152,40	10 x 6	8,27	<input type="checkbox"/>
254,00 x 177,80	10 x 7	7,50	<input type="checkbox"/>
254,00 x 203,20	10 x 8	5,58	<input type="checkbox"/>
279,40 x 152,40	11 x 6	10,95	<input type="checkbox"/>
304,80 x 88,90	12 x 3 1/2	32,28	<input type="checkbox"/>
304,80 x 203,20	12 x 8	8,89	<input type="checkbox"/>
381,00 x 203,20	15 x 8	20,60	<input type="checkbox"/>
381,00 x 228,60	15 x 9	18,40	<input type="checkbox"/>
381,00 x 279,40	15 x 11	14,82	<input type="checkbox"/>
622,30 x 457,20	24 1/2 x 18	38,00	<input type="checkbox"/>

^[1]: all dimensions shown are minimum values^[2]: for non-listed intermediate diameters, please consult us^[3]: theoretical weights, based on nominal dimensions and average density

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

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Duratron® PAI



POLYAMIDE-IMIDE [PAI + GRAPHITE + PTFE]

Duratron® T4503 PAI

TUBES			
Diameters ^[1] ^[2]		Duratron® T4503 PAI	
O.D. x I.D. [mm]	O.D. x I.D. [inches]	Standard length: [153 mm ^[1]] [kg/pce ^[3]]	
O.D. x I.D. [mm]	O.D. x I.D. [inches]		
76,20 x 44,45	3 x 1 3/4	0,81	<input type="checkbox"/>
101,60 x 60,33	4 x 2 3/8	1,37	<input type="checkbox"/>
101,60 x 73,03	4 x 2 7/8	1,07	<input type="checkbox"/>
101,60 x 50,80	4 x 2	1,69	<input type="checkbox"/>
104,78 x 44,45	4 1/8 x 1 3/4	2,01	<input type="checkbox"/>
107,95 x 66,68	4 1/4 x 2 5/8	1,47	<input type="checkbox"/>
114,30 x 50,80	4 1/2 x 2	2,25	<input type="checkbox"/>
117,48 x 88,90	4 5/8 x 3 1/2	1,08	<input type="checkbox"/>
127,00 x 76,20	5 x 3	2,26	<input type="checkbox"/>
127,00 x 76,20	5 x 3	2,46	<input type="checkbox"/>
139,70 x 111,13	5 1/2 x 4 3/8	1,30	<input type="checkbox"/>
152,40 x 76,20	6 x 3	3,92	<input type="checkbox"/>
177,80 x 50,80	7 x 2	11,03	<input type="checkbox"/>
177,80 x 127,00	7 x 5	3,65	<input type="checkbox"/>
177,80 x 101,60	7 x 4	4,78	<input type="checkbox"/>
184,15 x 158,75	7 1/4 x 6 1/4	1,57	<input type="checkbox"/>
193,68 x 107,95	7 5/8 x 4 1/4	4,33	<input type="checkbox"/>
196,85 x 139,70	7 3/4 x 5 1/2	4,11	<input type="checkbox"/>
203,20 x 50,80	8 x 2	14,70	<input type="checkbox"/>
203,20 x 127,00	8 x 5	5,64	<input type="checkbox"/>
254,00 x 76,20	10 x 3	22,30	<input type="checkbox"/>
279,40 x 152,40	11 x 6	10,75	<input type="checkbox"/>
304,80 x 203,20	12 x 8	10,05	<input type="checkbox"/>
304,80 x 88,90	12 x 3 1/2	16,70	<input type="checkbox"/>
381,00 x 279,40	15 x 11	13,00	<input type="checkbox"/>
381,00 x 228,60	15 x 9	18,05	<input type="checkbox"/>
457,20 x 279,40	18 x 11	25,17	<input type="checkbox"/>

^[1]: all dimensions shown are minimum values^[2]: for non-listed intermediate diameters, please consult us^[3]: theoretical weights, based on nominal dimensions and average density

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☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

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Duratron® PAI



Polyamide-imide [PAI + GF30]

Duratron® T5530 PAI

TUBES			
Diameters ^[1] [2]		Duratron® T5530 PAI	
[mm] O.D. x I.D.	[inches] O.D. x I.D.	Standard length: [153 mm ^[1]] [kg/pce ^[3]]	
69,85 x 25,40	2 3/4 x 1	0,99	<input type="checkbox"/>
101,60 x 50,80	4 x 2	1,45	<input type="checkbox"/>
101,60 x 73,03	4 x 2 7/8	1,22	<input type="checkbox"/>
177,80 x 50,80	7 x 2	11,03	<input type="checkbox"/>
177,80 x 127,00	7 x 5	4,19	<input type="checkbox"/>
203,20 x 50,80	8 x 2	14,70	<input type="checkbox"/>
203,20 x 127,00	8 x 5	6,35	<input type="checkbox"/>
254,00 x 76,20	10 x 3	22,30	<input type="checkbox"/>
254,00 x 152,40	10 x 6	10,05	<input type="checkbox"/>
279,40 x 203,20	11 x 8	8,37	<input type="checkbox"/>
304,80 x 88,90	12 x 3 1/2	32,28	<input type="checkbox"/>

^[1]: all dimensions shown are minimum values^[2]: for non-listed intermediate diameters, please consult us^[3]: theoretical weights, based on nominal dimensions and average density

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Ketron® PEEK



Polyetheretherketone [PEEK + SOLID LUBRICANT]

Ketron® 1000 PEEK natural/black

Ketron® TX PEEK

ROUND RODS							
Diameters [mm]	Tolerances on the diameters [mm]	Ketron® 1000 PEEK natural		Ketron® 1000 PEEK black		Ketron® TX PEEK	
		[kg/pce ^[2]]		[kg/pce ^[2]]		[kg/pce ^[2]]	
3	+0,1 +0,3	0,03	□	0,03	□	—	—
4		0,05	□	0,05	□	—	—
5	+0,1 +0,4	0,09	□	0,09	□	—	—
6	+0,1 +0,4	0,12	■	0,12	□	0,13	□
7		0,17	□	0,17	□	0,18	□
8	+0,1 +0,5	0,22	■	0,22	□	0,23	□
9		0,27	□	0,27	□	0,29	□
10		0,33	■	0,33	■	0,35	□
11		0,42	□	0,42	□	0,44	□
12		0,49	■	0,49	■	0,53	□
14		0,66	□	0,66	□	0,71	□
15	+0,2 +0,9	0,76	■	0,76	□	0,80	□
16		0,86	■	0,86	■	0,91	□
18		1,07	■	1,07	□	1,14	□
20		1,32	■	1,32	■	1,40	□
22		1,61	■	1,61	□	1,71	□
25		2,06	■	2,06	□	2,19	■
28	+0,2 +1,2	2,57	■	2,57	□	2,75	□
30		2,94	■	2,94	■	3,12	■
32		3,33	■	3,33	□	3,54	□
35		4,02	■	4,02	□	—	□
36	+0,2 +1,6	4,26	□	4,26	□	4,53	□
40		5,22	■	5,22	■	5,55	□
45		6,66	■	6,66	□	7,08	□
50	+0,3 +2,0	8,16	■	8,16	■	8,70	■
56		10,20	□	10,20	□	10,86	□
60		11,76	■	11,76	□	12,54	□
65	+0,3 +2,5	13,77	■	13,77	□	14,67	□
70		15,90	■	15,90	□	16,95	□
75	+0,4 +3,0	18,36	□	18,36	□	19,56	□
80		20,82	■	20,82	□	22,20	■
90	+0,5 +3,4	26,40	■	26,40	□	28,11	□
100	+0,6 +3,8	32,55	■	32,55	□	34,65	□
110	+0,7 +4,2	39,00	■	—	□	—	—
120	+0,8 +4,6	46,35	■	—	□	—	—
130		54,60	■	—	□	—	—
140	+0,9 +5,4	63,15	■	—	□	—	—
150		72,45	□	—	□	—	—
160		82,35	■	—	□	—	—
170	+1,0 +5,8	92,70	□	—	□	—	—
180		103,80	□	—	□	—	—
190		115,50	□	—	□	—	—
200		127,80	□	—	—	—	—

Other standard length: [1000 mm^{[1][3]}]^[1]: tolerance on the lengths -0/+3 %^[2]: average production weights^[3]: non-standard lengths for diameters over 60 mm

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Ketron® PEEK



Polyetheretherketone [PEEK + CF + PTFE + GRAPHITE] [GF30 PEEK] [CF30 PEEK]

Ketron® HPV PEEK

Ketron® GF30 PEEK

Ketron® CA30 PEEK

ROUND RODS							
Diameters [mm]	Tolerances on the diameters [mm]	Ketron® HPV PEEK		Ketron® PEEK-GF 30		Ketron® PEEK-CA 30	
		Standard length per piece: [3000 mm ^[1]]		[kg/pce ^[2]]		[kg/pce ^[2]]	
3	+0,1 +0,3	–	–	–	–	–	–
4		–	–	–	–	–	–
5	+0,1 +0,4	–	–	–	–	–	–
6	+0,1 +0,4	0,14	☒	0,14	□	0,14	□
7		0,19	□	0,20	□	0,18	□
8	+0,1 +0,5	0,24	■	0,25	□	0,24	□
9		0,30	□	0,32	□	0,29	□
10		0,37	■	0,38	■	0,36	■
11		0,47	□	0,49	□	0,46	□
12		0,55	■	0,58	□	0,54	□
14		0,74	□	0,77	□	0,73	□
15	+0,2 +0,9	0,85	□	0,88	□	0,83	□
16		0,96	■	1,00	□	0,94	□
18		1,20	□	1,25	□	1,17	□
20		1,47	■	1,53	■	1,44	■
22		1,80	□	1,88	□	1,76	□
25		2,30	☒	2,40	□	2,25	□
28	+0,2 +1,2	2,87	□	2,99	□	2,81	□
30		3,27	■	3,42	■	3,21	■
32		3,72	□	3,87	□	3,63	□
35		4,47	■	4,68	□	4,38	□
36	+0,2 +1,6	4,74	□	4,92	□	4,65	□
40		5,82	■	6,06	■	5,70	■
45		7,41	□	7,71	□	7,26	□
50	+0,3 +2,0	9,09	■	9,48	☒	8,91	■
56		11,34	□	11,82	□	11,10	□
60		13,11	☒	13,65	■	12,84	□
65	+0,3 +2,5	15,30	□	15,96	□	15,00	□
70		17,70	□	18,42	□	17,34	□
75	+0,4 +3,0	20,43	□	21,30	□	20,01	□
80		23,19	■	24,15	☒	22,71	☒
90	+0,5 +3,4	29,37	□	30,60	□	–	–
100	+0,6 +3,8	36,30	☒	37,80	☒	–	–
110	+0,7 +4,2	–	–	–	–	–	–
120	+0,8 +4,6	–	–	–	–	–	–
130	+0,9 +5,4	–	–	–	–	–	–
140		–	–	–	–	–	–
150		–	–	–	–	–	–
160		–	–	–	–	–	–
170	+1,0 +5,8	–	–	–	–	–	–
180		–	–	–	–	–	–
190		–	–	–	–	–	–
200		–	–	–	–	–	–

Other standard length: [1000 mm^{[1][3]}]^[1]: tolerance on the lengths -0/+3%^[2]: average production weights^[3]: non-standard lengths for diameters over 60 mm

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

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Ketron® PEEK



Polyetheretherketone [PEEK]

Ketron® 1000 PEEK natural/black

PLATES								
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Ketron® 1000 PEEK natural						
		Standard size per piece: [615 x 3000 mm ^[1]] [kg/pce ^[2]]		Standard size per piece: [1000 x 3000 mm ^[1]] [kg/pce ^[2]]				
5	+0,2 +0,7	13,92	<input type="checkbox"/>	22,53	<input checked="" type="checkbox"/>			
6		16,41	<input type="checkbox"/>	26,55	<input checked="" type="checkbox"/>			
8	+0,2 +0,9	21,72	<input type="checkbox"/>	35,10	<input checked="" type="checkbox"/>			
10		26,70	<input checked="" type="checkbox"/>	43,20	<input checked="" type="checkbox"/>			
12		32,85	<input type="checkbox"/>	53,10	<input checked="" type="checkbox"/>			
15		40,35	<input type="checkbox"/>	65,25	<input type="checkbox"/>			
16	+0,3 +1,5	42,75	<input type="checkbox"/>	69,30	<input checked="" type="checkbox"/>			
18		47,70	<input type="checkbox"/>	—	<input type="checkbox"/>			
20		52,80	<input type="checkbox"/>	85,35	<input checked="" type="checkbox"/>			
25		65,25	<input checked="" type="checkbox"/>	105,60	<input checked="" type="checkbox"/>			
30		79,65	<input checked="" type="checkbox"/>	—	<input type="checkbox"/>			
35		92,10	<input checked="" type="checkbox"/>	—	<input type="checkbox"/>			
40	+0,5 +2,5	104,55	<input checked="" type="checkbox"/>	—	<input type="checkbox"/>			
45		117,00	<input checked="" type="checkbox"/>	—	<input type="checkbox"/>			
50		129,45	<input checked="" type="checkbox"/>	—	<input type="checkbox"/>			
55		143,55	<input type="checkbox"/>	—	<input type="checkbox"/>			
60	+0,5 +3,5	156,00	<input checked="" type="checkbox"/>	—	<input type="checkbox"/>			
65		168,45	<input type="checkbox"/>	—	<input type="checkbox"/>			
70		180,90	<input type="checkbox"/>	—	<input type="checkbox"/>			
80		208,20	<input type="checkbox"/>	—	<input type="checkbox"/>			
90	+0,5 +5,0	233,10	<input type="checkbox"/>	—	<input type="checkbox"/>			
100		258,00	<input type="checkbox"/>	—	<input type="checkbox"/>			
		Other standard size: [615 x 1000 mm ^[1]]			Other standard size: [1000 x 1000 mm ^[1]]			
Thicknesses								
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Ketron® 1000 PEEK black						
		Standard size per piece: [615 x 3000 mm ^[1]] [kg/pce ^[2]]		Standard size per piece: [1000 x 3000 mm ^[1]] [kg/pce ^[2]]				
5	+0,2 +0,7	13,92	<input type="checkbox"/>	22,53	<input type="checkbox"/>			
6		16,41	<input type="checkbox"/>	26,55	<input type="checkbox"/>			
8	+0,2 +0,9	21,72	<input type="checkbox"/>	35,10	<input type="checkbox"/>			
10		26,70	<input type="checkbox"/>	43,20	<input type="checkbox"/>			
12		32,85	<input type="checkbox"/>	53,10	<input type="checkbox"/>			
15		40,35	<input type="checkbox"/>	65,25	<input type="checkbox"/>			
16	+0,3 +1,5	42,75	<input type="checkbox"/>	69,30	<input type="checkbox"/>			
18		47,70	<input type="checkbox"/>	—	<input type="checkbox"/>			
20		52,80	<input type="checkbox"/>	85,35	<input type="checkbox"/>			
25		65,25	<input type="checkbox"/>	105,60	<input type="checkbox"/>			
30		79,65	<input type="checkbox"/>	—	<input type="checkbox"/>			
35		92,10	<input type="checkbox"/>	—	<input type="checkbox"/>			
40	+0,5 +2,5	104,55	<input type="checkbox"/>	—	<input type="checkbox"/>			
45		117,00	<input type="checkbox"/>	—	<input type="checkbox"/>			
50		129,45	<input type="checkbox"/>	—	<input type="checkbox"/>			
55		143,55	<input type="checkbox"/>	—	<input type="checkbox"/>			
60	+0,5 +3,5	156,00	<input type="checkbox"/>	—	<input type="checkbox"/>			
65		168,45	<input type="checkbox"/>	—	<input type="checkbox"/>			
70		180,90	<input type="checkbox"/>	—	<input type="checkbox"/>			
80		208,20	<input type="checkbox"/>	—	<input type="checkbox"/>			
90	+0,5 +5,0	233,10	<input type="checkbox"/>	—	<input type="checkbox"/>			
100		258,00	<input type="checkbox"/>	—	<input type="checkbox"/>			
		Other standard size: [615 x 1000 mm ^[1]]			Other standard size: [1000 x 1000 mm ^[1]]			

[¹]: tolerances: width +5/+25 mm;
length -0/+3 %

[²]: average production weights

: **standard** item [generally available from stock; bulk quantities to be manufactured to order]

: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

: **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

Ketron® PEEK



Polyetheretherketone [PEEK + CF + PTFE + GRAPHITE] [PEEK + SOLID LUBRICANT]

Ketron® HPV PEEK

Ketron® TX PEEK

PLATES

Thicknesses [mm]	Tolerances on the thicknesses [mm]	Ketron® HPV PEEK		Ketron® TX PEEK	
		Standard size per piece: [525 x 3000 mm ^[1]] [kg/pce ^[2]]	Standard size per piece: [615 x 3000 mm ^[1]] [kg/pce ^[2]]	Standard size per piece: [615 x 1000 mm ^{[1][3]}]	Other standard size: [615 x 1000 mm ^{[1][3]}]
5	+0,2 +0,7	13,23	<input type="checkbox"/>	14,88	<input type="checkbox"/>
6		15,60	<input type="checkbox"/>	17,55	<input type="checkbox"/>
8	+0,2 +0,9	20,64	<input checked="" type="checkbox"/>	23,25	<input type="checkbox"/>
10		25,38	<input checked="" type="checkbox"/>	28,56	<input type="checkbox"/>
		Other standard size: [525 x 1000 mm ^{[1][3]}]		Other standard size: [615 x 1000 mm ^{[1][3]}]	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Ketron® HPV PEEK		Ketron® TX PEEK	
		Standard size per piece: [625 x 3000 mm ^[1]] [kg/pce ^[2]]	Standard size per piece: [615 x 3000 mm ^[1]] [kg/pce ^[2]]	Standard size per piece: [615 x 1000 mm ^{[1][3]}]	Other standard size: [625 x 1000 mm ^{[1][3]}]
12	+0,3 +1,5	36,90	<input type="checkbox"/>	35,10	<input type="checkbox"/>
15		45,30	<input type="checkbox"/>	43,05	<input type="checkbox"/>
16		48,00	<input checked="" type="checkbox"/>	45,75	<input type="checkbox"/>
18		53,70	<input type="checkbox"/>	51,15	<input type="checkbox"/>
20		59,25	<input checked="" type="checkbox"/>	56,40	<input type="checkbox"/>
25		73,20	<input type="checkbox"/>	69,75	<input type="checkbox"/>
30		89,40	<input checked="" type="checkbox"/>	85,20	<input type="checkbox"/>
35		103,35	<input type="checkbox"/>	98,55	<input type="checkbox"/>
40		117,30	<input checked="" type="checkbox"/>	111,90	<input type="checkbox"/>
45		131,40	<input type="checkbox"/>	125,50	<input type="checkbox"/>
50	+0,5 +2,5	145,35	<input type="checkbox"/>	138,60	<input type="checkbox"/>
55		161,10	<input type="checkbox"/>	153,60	<input type="checkbox"/>
60		175,05	<input type="checkbox"/>	166,95	<input type="checkbox"/>
65		189,15	<input type="checkbox"/>	—	<input type="checkbox"/>
70		203,10	<input type="checkbox"/>	—	<input type="checkbox"/>
80	+0,5 +5,0	233,85	<input type="checkbox"/>	—	<input type="checkbox"/>
		Other standard size: [625 x 1000 mm ^{[1][3]}]		Other standard size: [615 x 1000 mm ^{[1][3]}]	

^[1]: tolerances: width +5/+25 mm; length -0/+3 %

^[2]: average production weights

^[3]: non-standard size for thicknesses over 25 mm

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ketron® PEEK



Polyetheretherketone [GF30 PEEK]

Ketron® GF30 PEEK

PLATES			
Thickness [mm]	Tolerances on the thicknesses [mm]	Ketron® GF30 PEEK	
		Standard size per piece: [525 x 3000 mm ^[1]] [kg/pce ^[2]]	
5	+0,2 +0,7	13,77	<input type="checkbox"/>
6		16,23	<input type="checkbox"/>
8	+0,2 +0,9	21,51	<input type="checkbox"/>
10		26,43	<input type="checkbox"/>
Other standard size: [525 x 1000 mm ^{[1][3]}]			
Thickness [mm]	Tolerances on the thicknesses [mm]	Ketron® GF30 PEEK	
		Standard size per piece: [625 x 3000 mm ^[1]] [kg/pce ^[2]]	
12	+0,3 +1,5	38,40	<input type="checkbox"/>
15		47,10	<input type="checkbox"/>
16		50,10	<input type="checkbox"/>
18		55,80	<input type="checkbox"/>
20		61,65	<input checked="" type="checkbox"/>
25		76,20	<input type="checkbox"/>
30		93,15	<input type="checkbox"/>
35		107,70	<input checked="" type="checkbox"/>
40		122,25	<input type="checkbox"/>
45		136,80	<input type="checkbox"/>
50	+0,5 +2,5	151,35	<input type="checkbox"/>
55		167,85	<input type="checkbox"/>
60		182,40	<input type="checkbox"/>
65		196,95	<input type="checkbox"/>
70		211,50	<input type="checkbox"/>
80		243,60	<input type="checkbox"/>
Other standard size: [625 x 1000 mm ^{[1][3]}]			

^[1]: tolerances: width +5/+25 mm; length -0/+3 %

^[2]: average production weights

^[3]: non-standard size for thicknesses over 25 mm

: **standard** item [generally available from stock; bulk quantities to be manufactured to order]

: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

: **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ketron® PEEK



Polyetheretherketone [CF30 PEEK]

Ketron® CA30 PEEK

PLATES			
Thickness [mm]	Tolerances on the thicknesses [mm]	Ketron® CA30 PEEK	
		Standard size per piece: [525 x 3000 mm ^[1]] [kg/pce ^[2]]	
5	+0,2 +0,7	12,96	<input type="checkbox"/>
6		15,27	<input type="checkbox"/>
8	+0,2 +0,9	20,22	<input type="checkbox"/>
10		24,84	<input type="checkbox"/>
Other standard size: [525 x 1000 mm ^{[1][3]}]			
Thickness [mm]	Tolerances on the thicknesses [mm]	Ketron® CA30 PEEK	
		Standard size per piece: [625 x 3000 mm ^[1]] [kg/pce ^[2]]	
12	+0,3 +1,5	36,15	<input type="checkbox"/>
15		44,25	<input type="checkbox"/>
16		47,10	<input type="checkbox"/>
18		52,50	<input type="checkbox"/>
20		58,05	<input type="checkbox"/>
25		71,70	<input type="checkbox"/>
30		87,45	<input type="checkbox"/>
35		101,25	<input checked="" type="checkbox"/>
40		114,90	<input type="checkbox"/>
45		128,55	<input type="checkbox"/>
50	+0,5 +2,5	142,35	<input type="checkbox"/>
55		157,80	<input type="checkbox"/>
60		171,45	<input type="checkbox"/>
Other standard size: [625 x 1000 mm ^{[1][3]}]			

^[1]: tolerances: width +5/+25 mm; length -0/+3 %^[2]: average production weights^[3]: non-standard size for thicknesses over 25 mm

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ketron® PEEK



Polyetheretherketone [PEEK] [PEEK + CF + PTFE + GRAPHITE]

Ketron® 1000 PEEK natural/black

Ketron® HPV PEEK

TUBES										
Diameters [mm ^[1]] O.D. x I.D.	Tolerances on the diameters [mm] O.D. I.D.		Ketron® 1000 PEEK natural		Ketron® 1000 PEEK black		Ketron® HPV PEEK			
	[mm]		[kg/pce ^[3]]		[kg/pce ^[3]]		[kg/pce ^[3]]			
50 x 30	+0,5	+2,2	-0,5	-2,2	5,67	■	5,67	□	6,24	□
50 x 40					3,57	□	3,57	□	3,93	□
60 x 30					9,39	□	9,39	□	10,35	□
60 x 40	+0,6	+2,8	-0,6	-2,8	7,29	■	7,29	□	8,07	□
60 x 50					4,59	□	4,59	□	5,07	□
70 x 30					13,74	□	13,74	□	15,15	□
70 x 40					11,67	□	11,67	□	12,87	□
70 x 50					9,00	■	9,00	□	9,93	□
70 x 60	+0,6	+3,4	-0,6	-3,4	5,67	□	5,67	□	6,27	□
80 x 40					16,47	□	16,47	□	18,18	□
80 x 50					13,80	□	13,80	□	15,21	□
80 x 60					10,50	■	10,50	□	11,58	□
90 x 40					22,53	□	22,53	□	24,84	□
90 x 50					19,92	□	19,92	□	21,99	□
90 x 60					16,71	□	16,71	□	18,42	□
90 x 70					12,87	□	12,87	□	14,19	□
100 x 40	+1,0	+4,0	-1,4	-5,4	28,62	□	28,62	□	31,50	□
100 x 50					26,01	□	26,01	□	28,71	□
100 x 60					22,80	□	22,80	□	25,14	□
100 x 70					18,96	□	18,96	□	20,91	□
100 x 80					14,49	■	14,49	□	15,96	□
115 x 50					37,05	□	37,05	□	40,95	□
115 x 60					33,90	□	33,90	□	37,50	□
115 x 70					30,15	□	30,15	□	33,30	□
115 x 80					25,74	□	25,74	□	28,38	□
115 x 90					20,70	■	20,70	□	22,83	□
115 x 100					15,03	□	15,03	□	16,59	□
125 x 50					44,70	□	44,70	□	49,35	□
125 x 60					41,55	□	41,55	□	45,90	□
125 x 70	+1,3	+5,0	-1,8	-7,0	37,80	□	37,80	□	41,70	□
125 x 80					33,45	□	33,45	□	36,90	□
125 x 90					28,38	□	28,38	□	31,35	□
125 x 100					22,74	□	22,74	□	25,08	□
140 x 50					57,45	□	57,45	□	63,45	□
140 x 60					54,30	□	54,30	□	59,85	□
140 x 70					50,55	□	50,55	□	55,80	□
140 x 80					46,05	□	46,05	□	50,85	□
140 x 90					41,10	□	41,10	□	45,30	□
140 x 100					35,40	■	35,40	□	39,15	□

Standard length per piece: [1000 mm^[2]]

^[1]: for non-listed intermediate diameters, please consult us

^[2]: tolerance on the length: -0/+3%

^[3]: average production weights

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ketron® PEEK



Polyetheretherketone [PEEK] [PEEK + CF + PTFE + GRAPHITE]

Ketron® 1000 PEEK natural/black

Ketron® HPV PEEK

TUBES

Diameters [mm ^[1]] O.D. x I.D.	Tolerances on the diameters [mm]		Ketron® 1000 PEEK natural		Ketron® 1000 PEEK black		Ketron® HPV PEEK	
	O.D.	I.D.	Standard length per piece: [3000 mm ^[2]]					
			[kg/pce ^[3]]	[kg/pce ^[3]]	[kg/pce ^[3]]	[kg/pce ^[3]]	[kg/pce ^[3]]	[kg/pce ^[3]]
160 x 80	+1,6 +6,0	-2,0 -8,0	66,15	<input type="checkbox"/>	66,15	<input type="checkbox"/>	73,05	<input type="checkbox"/>
160 x 90			61,20	<input type="checkbox"/>	61,20	<input type="checkbox"/>	67,50	<input type="checkbox"/>
160 x 100			55,50	<input type="checkbox"/>	55,50	<input type="checkbox"/>	61,35	<input type="checkbox"/>
160 x 120			42,45	<input checked="" type="checkbox"/>	42,45	<input type="checkbox"/>	46,80	<input type="checkbox"/>
180 x 80			87,90	<input type="checkbox"/>	87,90	<input type="checkbox"/>	96,90	<input type="checkbox"/>
180 x 90			82,95	<input type="checkbox"/>	82,95	<input type="checkbox"/>	91,50	<input type="checkbox"/>
180 x 100			77,25	<input type="checkbox"/>	77,25	<input type="checkbox"/>	85,20	<input type="checkbox"/>
180 x 120			64,20	<input type="checkbox"/>	64,20	<input type="checkbox"/>	70,80	<input type="checkbox"/>
180 x 140			48,60	<input checked="" type="checkbox"/>	48,60	<input type="checkbox"/>	53,55	<input type="checkbox"/>
200 x 100			102,30	<input type="checkbox"/>	102,30	<input type="checkbox"/>	112,80	<input type="checkbox"/>
200 x 120			89,25	<input type="checkbox"/>	89,25	<input type="checkbox"/>	98,55	<input type="checkbox"/>
200 x 140			73,80	<input type="checkbox"/>	73,80	<input type="checkbox"/>	81,30	<input type="checkbox"/>
200 x 160			55,65	<input type="checkbox"/>	55,65	<input type="checkbox"/>	61,50	<input type="checkbox"/>
			Standard length per piece: [1000 mm ^[2]]					

^[1]: for non-listed intermediate diameters, please consult us

^[2]: tolerance on the length: -0/+3%

^[3]: average production weights

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

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improved availability possible upon customer planning]

Ketron® PEEK



Polyetheretherketone [GF30 PEEK] [CF30 PEEK]

Ketron® GF30 PEEK
Ketron® CA30 PEEK

TUBES

Diameters [mm ^[1]] O.D. x I.D.	Tolerances on the diameters [mm]		Ketron® GF30 PEEK		Ketron® CA30 PEEK	
			Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]	
	O.D.	I.D.				
50 x 30	+0,5 +2,2	-0,5 -2,2	6,51	<input type="checkbox"/>	6,12	<input type="checkbox"/>
50 x 40			4,11	<input type="checkbox"/>	3,84	<input type="checkbox"/>
60 x 30			10,77	<input type="checkbox"/>	10,14	<input type="checkbox"/>
60 x 40	+0,6 +2,8	-0,6 -2,8	8,40	<input type="checkbox"/>	7,89	<input type="checkbox"/>
60 x 50			5,28	<input type="checkbox"/>	4,98	<input type="checkbox"/>
70 x 30			15,78	<input type="checkbox"/>	14,85	<input type="checkbox"/>
70 x 40			13,41	<input type="checkbox"/>	12,60	<input type="checkbox"/>
70 x 50			10,32	<input type="checkbox"/>	9,72	<input type="checkbox"/>
70 x 60	+0,6 +3,4	-0,6 -3,4	6,54	<input type="checkbox"/>	6,15	<input type="checkbox"/>
80 x 40			18,93	<input type="checkbox"/>	17,79	<input type="checkbox"/>
80 x 50			15,87	<input type="checkbox"/>	14,91	<input type="checkbox"/>
80 x 60			12,06	<input type="checkbox"/>	11,34	<input type="checkbox"/>
90 x 40			25,89	<input type="checkbox"/>	24,33	<input type="checkbox"/>
90 x 50			22,89	<input type="checkbox"/>	21,54	<input type="checkbox"/>
90 x 60			19,20	<input type="checkbox"/>	18,06	<input type="checkbox"/>
90 x 70	+1,0 +4,0	-1,4 -5,4	14,79	<input type="checkbox"/>	13,89	<input type="checkbox"/>
100 x 50			29,91	<input type="checkbox"/>	28,11	<input type="checkbox"/>
100 x 60			26,19	<input type="checkbox"/>	24,63	<input type="checkbox"/>
100 x 70			21,78	<input type="checkbox"/>	20,46	<input type="checkbox"/>
100 x 80			16,65	<input type="checkbox"/>	15,63	<input type="checkbox"/>
115 x 60			39,00	<input type="checkbox"/>	36,60	<input type="checkbox"/>
115 x 70			34,65	<input type="checkbox"/>	32,55	<input type="checkbox"/>
115 x 80			29,58	<input type="checkbox"/>	27,81	<input type="checkbox"/>
115 x 90			23,79	<input type="checkbox"/>	22,35	<input type="checkbox"/>
115 x 100			17,28	<input type="checkbox"/>	16,26	<input type="checkbox"/>
125 x 70	+1,3 +5,0	-1,8 -7,0	43,50	<input type="checkbox"/>	40,80	<input type="checkbox"/>
125 x 80			38,40	<input type="checkbox"/>	36,15	<input type="checkbox"/>
125 x 90			32,70	<input type="checkbox"/>	30,60	<input type="checkbox"/>
125 x 100			26,13	<input type="checkbox"/>	24,57	<input type="checkbox"/>
140 x 80			52,95	<input type="checkbox"/>	49,80	<input type="checkbox"/>
140 x 90			47,25	<input type="checkbox"/>	44,40	<input type="checkbox"/>
140 x 100			40,80	<input type="checkbox"/>	38,25	<input type="checkbox"/>
160 x 90			70,35	<input type="checkbox"/>	66,15	<input type="checkbox"/>
160 x 100			63,90	<input type="checkbox"/>	60,00	<input type="checkbox"/>
160 x 120	+1,6 +6,0	-2,0 -8,0	48,75	<input type="checkbox"/>	45,90	<input type="checkbox"/>
180 x 100			88,80	<input type="checkbox"/>	83,55	<input type="checkbox"/>
180 x 120			73,80	<input type="checkbox"/>	69,30	<input type="checkbox"/>
180 x 140			55,80	<input type="checkbox"/>	52,50	<input type="checkbox"/>
200 x 120			102,60	<input type="checkbox"/>	96,45	<input type="checkbox"/>
200 x 140	+1,8 +6,5	-2,3 -9,0	84,75	<input type="checkbox"/>	79,65	<input type="checkbox"/>
200 x 160			64,05	<input type="checkbox"/>	60,15	<input type="checkbox"/>

Standard length per piece: [1000 mm^[2]]

^[1]: for non-listed intermediate diameters, please consult us

^[2]: tolerance on the length: -0/+3%

^[3]: average production weights

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ketron® PEEK



Polyetheretherketone [PEEK]

Ketron® PEEK SP Grades

TUBES							
Diameters [mm ^{[1][2]}] O.D. x I.D.	Standard length [mm ^[3]]	Ketron® PEEK-1000 SP	Ketron® GF30 PEEK SP	Ketron® CA30 PEEK SP	Ketron® HPV PEEK SP	Ketron® PEEK-TF20 SP	Ketron® PEEK-HT SP
43 x 20	150	□	□	□	□	□	O.R.
48 x 25	150	□	□	□	□	□	O.R.
58 x 25	150	□	□	□	□	□	O.R.
63 x 30	150	□	□	□	□	□	O.R.
63 x 36	150	□	□	□	□	□	O.R.
72 x 36	150	□	□	□	□	□	O.R.
72 x 43	150	□	□	□	□	□	O.R.
77 x 30	150	□	□	□	□	□	O.R.
77 x 40	150	□	□	□	□	□	O.R.
77 x 50	150	□	□	□	□	□	O.R.
87 x 50	150	□	□	□	□	□	O.R.
87 x 56	150	□	□	□	□	□	O.R.
97 x 43	150	□	□	□	□	□	O.R.
97 x 56	150	□	□	□	□	□	O.R.
97 x 64	150	□	□	□	□	□	O.R.
106 x 56	150	□	□	□	□	□	O.R.
106 x 64	150	□	□	□	□	□	O.R.
106 x 78	150	□	□	□	□	□	O.R.
112 x 78	150	□	□	□	□	□	O.R.
121 x 64	150	□	□	□	□	□	O.R.
121 x 78	150	□	□	□	□	□	O.R.
121 x 88	150	□	□	□	□	□	O.R.
126 x 65	150	□	O.R.	O.R.	O.R.	O.R.	O.R.
126 x 78	150	□	□	□	□	□	O.R.
126 x 88	150	□	□	□	□	□	O.R.
136 x 64	150	□	O.R.	O.R.	O.R.	O.R.	O.R.
136 x 78	150	□	□	□	□	□	O.R.
136 x 98	150	□	□	□	□	□	O.R.
138 x 65	350	O.R.	□	O.R.	O.R.	O.R.	O.R.
145 x 98	150	□	□	□	□	□	O.R.
145 x 108	150	□	□	□	□	□	O.R.
155 x 98	150	□	□	□	□	□	O.R.
155 x 108	150	□	□	□	□	□	O.R.
155 x 118	150	□	□	□	□	□	O.R.
165 x 108	150	□	□	□	□	□	O.R.
165 x 128	150	□	□	□	□	□	O.R.
175 x 128	150	□	□	□	□	□	O.R.
184 x 118	150	□	□	□	□	□	O.R.
184 x 128	150	□	□	□	□	□	O.R.
184 x 147	150	□	□	□	□	□	O.R.
194 x 77	150	O.R.	□	O.R.	O.R.	O.R.	O.R.

[1]: for non-listed intermediate diameters, please consult us

[2]: tolerances on O.D. and I.D.: +/-0,7 %

[3]: tolerance on length: +/- 2 mm

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

O.R.: please check for lead-time and minimum order quantity

Ketron® PEEK



Polyetheretherketone [PEEK]

Ketron® PEEK SP Grades

TUBES							
Diameters [mm ^{[1][2]}] O.D. x I.D.	Standard length [mm ^[3]]	Ketron® PEEK-1000 SP	Ketron® GF30 PEEK SP	Ketron® CA30 PEEK SP	Ketron® HPV PEEK SP	Ketron® PEEK-TF20 SP	Ketron® PEEK-HT SP
194 x 147	150	□	□	□	□	□	O.R.
213 x 128	150	□	□	□	□	□	O.R.
213 x 147	150	□	□	□	□	□	O.R.
213 x 157	150	□	□	□	□	□	O.R.
213 x 177	150	□	□	□	□	□	O.R.
220 x 120	315	□	O.R.	O.R.	O.R.	O.R.	O.R.
220 x 140	240	O.R.	□	O.R.	O.R.	O.R.	O.R.
220 x 140	315	□	O.R.	O.R.	O.R.	O.R.	O.R.
242 x 186	306	□	□	□	□	□	O.R.
242 x 186	150	□	□	□	□	□	O.R.
266 x 147	100	□	O.R.	O.R.	O.R.	O.R.	O.R.
266 x 220	150	□	□	□	□	□	O.R.
275 x 186	350	□	O.R.	□	□	O.R.	O.R.
281 x 245	150	□	O.R.	□	□	□	O.R.
300 x 215	320	□	O.R.	O.R.	O.R.	O.R.	O.R.
300 x 220	150	□	□	□	□	□	O.R.
300 x 245	150	□	□	□	□	□	O.R.
300 x 265	150	□	□	□	□	□	O.R.
320 x 265	150	□	O.R.	□	□	O.R.	O.R.
335 x 294	100	□	O.R.	O.R.	O.R.	□	O.R.
346 x 294	100	□	□	□	□	□	O.R.
365 x 275	320	□	O.R.	O.R.	O.R.	O.R.	O.R.
413 x 336	100	□	□	□	□	□	O.R.
413 x 370	100	□	□	□	□	□	O.R.
465 x 390	160	□	O.R.	O.R.	O.R.	O.R.	O.R.
500 x 440	100	□	□	□	□	□	O.R.
535 x 470	100	□	□	□	□	□	O.R.
678 x 625	40	□	O.R.	O.R.	O.R.	□	O.R.

^[1]: for non-listed intermediate diameters, please consult us

^[2]: tolerances on O.D. and I.D.: +/-0,7 %

^[3]: tolerance on length: +/-2 mm

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: please check for lead-time and minimum order quantity

Fluorosint®



Reinforced Polytetrafluoroethylene [PTFE + MICA]

Fluorosint® 207

Fluorosint® 500

ROUND RODS							
Diameters ^[1]		Tolerances on the diameters [mm]	Fluorosint® 207		Fluorosint® 500		
[mm]	[inches]		[kg/pce ^[3]]	Standard length: [1220 mm ^[2]]		[kg/pce ^[3]]	
12,70	1	-0,03 +0,03	0,37	<input type="checkbox"/>	0,36	<input type="checkbox"/>	
19,05	3/4		0,82	<input checked="" type="checkbox"/>	0,81	<input checked="" type="checkbox"/>	
25,40	1		1,44	<input type="checkbox"/>	1,43	<input checked="" type="checkbox"/>	
31,75	1 1/4	-0,0 +0,30	2,22	<input checked="" type="checkbox"/>	2,24	<input type="checkbox"/>	
Diameters ^[1]		Tolerances on the diameters [mm]	Fluorosint® 207		Fluorosint® 500		
[mm]	[inches]		[kg/pce ^[3]]	Standard length: [305 mm ^[2]]		[kg/pce ^[3]]	
12,70	1/2	-0,0 +3,00	0,09	<input type="checkbox"/>	0,09	<input type="checkbox"/>	
19,05	3/4		0,20	<input type="checkbox"/>	0,20	<input type="checkbox"/>	
25,40	1		0,36	<input type="checkbox"/>	0,40	<input type="checkbox"/>	
31,75	1 1/4		0,56	<input type="checkbox"/>	0,58	<input type="checkbox"/>	
38,10	1 1/2		0,80	<input type="checkbox"/>	0,81	<input type="checkbox"/>	
44,45	1 3/4		1,09	<input type="checkbox"/>	1,36	<input type="checkbox"/>	
50,80	2		1,42	<input type="checkbox"/>	1,75	<input checked="" type="checkbox"/>	
53,98	2 1/8		1,61	<input type="checkbox"/>	1,62	<input type="checkbox"/>	
57,15	2 1/4		1,80	<input type="checkbox"/>	1,82	<input type="checkbox"/>	
63,50	2 1/2		2,22	<input type="checkbox"/>	2,24	<input checked="" type="checkbox"/>	
69,85	2 3/4		2,69	<input type="checkbox"/>	2,71	<input type="checkbox"/>	
76,20	3		3,20	<input type="checkbox"/>	3,23	<input type="checkbox"/>	
82,55	3 1/4		3,75	<input type="checkbox"/>	3,79	<input type="checkbox"/>	
88,90	3 1/2		4,62	<input type="checkbox"/>	4,39	<input type="checkbox"/>	
95,25	3 3/4		5,00	<input type="checkbox"/>	5,04	<input type="checkbox"/>	
101,60	4		5,69	<input type="checkbox"/>	5,74	<input type="checkbox"/>	
107,95	4 1/4		6,42	<input type="checkbox"/>	6,48	<input type="checkbox"/>	
114,30	4 1/2		7,20	<input type="checkbox"/>	7,26	<input type="checkbox"/>	
120,65	4 3/4		8,02	<input type="checkbox"/>	9,22	<input type="checkbox"/>	
127,00	5		8,89	<input type="checkbox"/>	10,70	<input type="checkbox"/>	
139,70	5 1/2		10,75	<input type="checkbox"/>	12,83	<input type="checkbox"/>	
152,40	6		12,80	<input type="checkbox"/>	14,41	<input type="checkbox"/>	
177,80	7		20,22	<input type="checkbox"/>	17,55	<input type="checkbox"/>	
203,20	8		26,20	<input type="checkbox"/>	25,11	<input type="checkbox"/>	
222,25	8 3/4		27,20	<input type="checkbox"/>	27,45	<input type="checkbox"/>	

^[1]: for non-listed intermediate diameters, please consult us^[2]: all lengths shown are minimum values^[3]: theoretical weights, based on nominal dimensions and average density

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

▣ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Fluorosint®



Reinforced Polytetrafluoroethylene [PTFE + MICA]

Fluorosint® 207

Fluorosint® 500

PLATES							
Thicknesses		Tolerances on the thicknesses [mm]	Fluorosint® 207		Fluorosint® 500		
[mm]	[inches]		Standard size per piece: [305 x 305 mm ^[1]] [kg/pce ^[2]]		[kg/pce ^[2]]		
6,35	1/4	-0,0 +1,0	1,36	<input type="checkbox"/>	1,37	<input checked="" type="checkbox"/>	
7,94	5/16	-0,0 +1,5	1,70	<input type="checkbox"/>	2,04	<input type="checkbox"/>	
9,53	3/8		2,04	<input checked="" type="checkbox"/>	2,06	<input checked="" type="checkbox"/>	
12,70	1/2	-0,0 +2,0	2,72	<input type="checkbox"/>	2,74	<input type="checkbox"/>	
19,05	3/4	-0,0 +3,0	4,08	<input type="checkbox"/>	4,11	<input type="checkbox"/>	
25,40	1	-0,0 +4,0	5,43	<input type="checkbox"/>	5,48	<input type="checkbox"/>	
31,75	1 1/4	-0,0 +5,0	6,79	<input type="checkbox"/>	6,85	<input type="checkbox"/>	
38,10	1 1/2	-0,0 +6,0	8,15	<input type="checkbox"/>	8,22	<input type="checkbox"/>	
44,45	1 3/4	-0,0 +7,0	9,51	<input type="checkbox"/>	10,17	<input type="checkbox"/>	
50,80	2	-0,0 +8,0	12,40	<input type="checkbox"/>	10,95	<input type="checkbox"/>	
63,50	2 1/2	-0,0 +10,0	15,46	<input type="checkbox"/>	15,59	<input type="checkbox"/>	
76,20	3	-0,0 +12,0	17,33	<input type="checkbox"/>	16,45	<input type="checkbox"/>	

^[1]: tolerance on width and length -0/+6 mm

^[2]: theoretical weights, based on nominal dimensions and average density

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
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Fluorosint®



Reinforced Polytetrafluoroethylene [PTFE + MICA]

Fluorosint® 207

Fluorosint® 500

TUBES

Diameters ^[1] [mm] O.D. x I.D.	Diameters ^[1] [inches] O.D. x I.D.	Standard lengths [mm]	Weight [kg/pce ^[2]]	TUBES	
				Fluorosint® 207	Fluorosint® 500
31,75 x 12,70	1 1/4 x 1/2	305	0,47	□	□
31,75 x 19,05	1 1/4 x 3/4	305	0,36	□	□
31,75 x 25,40	1 1/4 x 1	305	0,20	□	□
38,10 x 11,10	1 1/2 x 7/16	150	0,36	□	□
38,10 x 12,70	1 1/2 x 1/2	150	0,35	□	□
38,10 x 15,88	1 1/2 x 5/8	150	0,33	□	□
38,10 x 19,05	1 1/2 x 3/4	150	0,30	□	□
38,10 x 22,23	1 1/2 x 7/8	305	0,53	□	□
38,10 x 25,40	1 1/2 x 1	305	0,45	□	□
44,45 x 9,53	1 3/4 x 3/8	150	0,52	□	□
44,45 x 12,70	1 3/4 x 1/2	150	0,49	□	□
44,45 x 15,88	1 3/4 x 5/8	305	0,96	□	□
44,45 x 19,05	1 3/4 x 3/4	305	0,90	□	□
44,45 x 22,23	1 3/4 x 7/8	305	0,82	□	□
44,45 x 25,40	1 3/4 x 1	305	0,74	□	□
44,45 x 31,75	1 3/4 x 1 1/4	305	0,54	□	□
47,63 x 15,88	1 7/8 x 5/8	305	1,12	□	□
47,63 x 19,05	1 7/8 x 3/4	305	1,05	□	□
47,63 x 22,23	1 7/8 x 7/8	305	0,98	□	□
47,63 x 25,40	1 7/8 x 1	305	0,90	□	□
47,63 x 28,58	1 7/8 x 1 1/8	305	1,10	□	□
47,63 x 31,75	1 7/8 x 1 1/4	305	0,70	□	□
47,63 x 34,93	1 7/8 x 1 3/8	305	0,58	□	□
47,63 x 38,10	1 7/8 x 1 1/2	305	0,45	□	□
50,80 x 12,70	2 x 1/2	150	0,66	□	□
50,80 x 15,88	2 x 5/8	305	1,29	□	□
50,80 x 19,05	2 x 3/4	305	1,23	□	□
50,80 x 22,23	2 x 7/8	305	1,48	□	□
50,80 x 25,40	2 x 1	305	1,07	□	□
50,80 x 28,58	2 x 1 1/8	305	0,98	□	□
50,80 x 31,75	2 x 1 1/4	305	0,87	□	□
50,80 x 34,93	2 x 1 3/8	305	0,76	□	□
50,80 x 38,10	2 x 1 1/2	305	0,63	□	□
57,15 x 12,70	2 1/4 x 1/2	150	0,85	□	□
57,15 x 19,05	2 1/4 x 3/4	305	1,61	□	□
57,15 x 25,40	2 1/4 x 1	305	1,45	□	□
57,15 x 31,75	2 1/4 x 1 1/4	305	1,25	□	□

Outside diameter [O.D.] [mm]	Tolerances [mm] on: O.D. I.D.	
31,75 – 120,65	-0,0 +3	-0,0 -1,5
127,00 – 184,15	-0,0 +6,0	-0,0 -3,0
190,50 – 304,80		

Tolerances on the lengths [mm]
76 [-0,0 +6,0]
150 [-0,0 +13,0]
305 [-0,0 +25,0]

^[1]: for non-listed intermediate diameters, please consult us^[2]: theoretical weights, based on nominal dimensions and average density

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Fluorosint®



Reinforced Polytetrafluoroethylene [PTFE + MICA]

Fluorosint® 207

Fluorosint® 500

TUBES					
O.D. x I.D. [mm]	Diameters ^[1] [inches] O.D. x I.D.	Standard lengths [mm]	Weight [kg/pce ^[2]]	Fluorosint® 207	Fluorosint® 500
57,15 x 38,10	2 1/4 x 1 1/2	305	1,00	<input type="checkbox"/>	<input type="checkbox"/>
57,15 x 44,45	2 1/4 x 1 3/4	305	1,07	<input type="checkbox"/>	<input type="checkbox"/>
63,50 x 22,23	2 1/2 x 7/8	305	1,96	<input type="checkbox"/>	<input type="checkbox"/>
63,50 x 25,40	2 1/2 x 1	305	1,87	<input type="checkbox"/>	<input type="checkbox"/>
63,50 x 31,75	2 1/2 x 1 1/4	305	1,67	<input type="checkbox"/>	<input type="checkbox"/>
63,50 x 38,10	2 1/2 x 1 1/2	305	1,85	<input type="checkbox"/>	<input type="checkbox"/>
63,50 x 44,45	2 1/2 x 1 3/4	305	1,14	<input type="checkbox"/>	<input type="checkbox"/>
63,50 x 50,80	2 1/2 x 2	305	0,81	<input type="checkbox"/>	<input type="checkbox"/>
69,85 x 12,70	2 3/4 x 1/2	150	1,28	<input type="checkbox"/>	<input type="checkbox"/>
69,85 x 25,40	2 3/4 x 1	305	2,34	<input type="checkbox"/>	<input type="checkbox"/>
69,85 x 31,75	2 3/4 x 1 1/4	305	2,14	<input type="checkbox"/>	<input type="checkbox"/>
69,85 x 38,10	2 3/4 x 1 1/2	305	1,90	<input type="checkbox"/>	<input type="checkbox"/>
69,85 x 44,45	2 3/4 x 1 3/4	305	1,61	<input type="checkbox"/>	<input checked="" type="checkbox"/>
69,85 x 50,80	2 3/4 x 2	305	1,27	<input type="checkbox"/>	<input checked="" type="checkbox"/>
69,85 x 57,15	2 3/4 x 2 1/4	305	0,90	<input type="checkbox"/>	<input type="checkbox"/>
76,20 x 11,11	3 x 7/16	150	1,55	<input type="checkbox"/>	<input type="checkbox"/>
76,20 x 12,70	3 x 1/2	150	1,54	<input type="checkbox"/>	<input type="checkbox"/>
76,20 x 22,23	3 x 7/8	305	2,94	<input type="checkbox"/>	<input type="checkbox"/>
76,20 x 25,40	3 x 1	305	2,86	<input type="checkbox"/>	<input type="checkbox"/>
76,20 x 31,75	3 x 1 1/4	305	2,66	<input type="checkbox"/>	<input type="checkbox"/>
76,20 x 38,10	3 x 1 1/2	305	2,73	<input type="checkbox"/>	<input type="checkbox"/>
76,20 x 44,45	3 x 1 3/4	305	2,12	<input type="checkbox"/>	<input type="checkbox"/>
76,20 x 50,80	3 x 2	305	1,79	<input type="checkbox"/>	<input type="checkbox"/>
76,20 x 57,15	3 x 2 1/4	305	1,41	<input type="checkbox"/>	<input checked="" type="checkbox"/>
76,20 x 63,50	3 x 2 1/2	305	0,98	<input type="checkbox"/>	<input type="checkbox"/>
82,55 x 12,70	3 1/4 x 1/2	150	1,81	<input type="checkbox"/>	<input type="checkbox"/>
82,55 x 19,05	3 1/4 x 3/4	150	1,76	<input type="checkbox"/>	<input type="checkbox"/>
82,55 x 25,40	3 1/4 x 1	305	3,41	<input type="checkbox"/>	<input type="checkbox"/>
82,55 x 31,75	3 1/4 x 1 1/4	305	3,21	<input type="checkbox"/>	<input type="checkbox"/>
82,55 x 38,10	3 1/4 x 1 1/2	305	2,97	<input type="checkbox"/>	<input type="checkbox"/>
82,55 x 44,45	3 1/4 x 1 3/4	305	2,68	<input type="checkbox"/>	<input type="checkbox"/>
82,55 x 50,80	3 1/4 x 2	305	2,34	<input type="checkbox"/>	<input type="checkbox"/>
82,55 x 53,98	3 1/4 x 2 1/8	305	2,16	<input type="checkbox"/>	<input type="checkbox"/>
82,55 x 57,15	3 1/4 x 2 1/4	305	1,96	<input type="checkbox"/>	<input type="checkbox"/>
82,55 x 63,50	3 1/4 x 2 1/2	305	1,54	<input type="checkbox"/>	<input type="checkbox"/>
82,55 x 69,85	3 1/4 x 2 3/4	305	1,07	<input type="checkbox"/>	<input type="checkbox"/>
88,90 x 25,40	3 1/2 x 1	305	4,02	<input type="checkbox"/>	<input type="checkbox"/>

Outside diameter [O.D.] [mm]	Tolerances [mm] on: O.D. I.D.	
31,75 – 120,65	-0,0 +3	-0,0 -1,5
127,00 – 184,15	-0,0 +6,0	-0,0 -3,0
190,50 – 304,80		

Tolerances on the lengths [mm]
76 [-0,0 +6,0]
150 [-0,0 +13,0]
305 [-0,0 +25,0]

^[1]: for non-listed intermediate diameters, please consult us

^[2]: theoretical weights, based on nominal dimensions and average density

: standard item [generally available from stock; bulk quantities to be manufactured to order]

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: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Fluorosint®



Reinforced Polytetrafluoroethylene [PTFE + MICA]

Fluorosint® 207

Fluorosint® 500

TUBES					
O.D. x I.D. [mm]	Diameters ^[1] [mm] O.D. x I.D.	Standard lengths [mm]	Weight [kg/pce ^[2]]	Fluorosint® 207	Fluorosint® 500
88,90 x 31,75	3 1/2 x 1 1/4	305	3,82	□	□
88,90 x 38,10	3 1/2 x 1 1/2	305	3,57	□	□
88,90 x 44,45	3 1/2 x 1 3/4	305	3,28	□	□
88,90 x 50,80	3 1/2 x 2	305	2,95	□	☒
88,90 x 57,15	3 1/2 x 2 1/4	305	2,57	□	□
88,90 x 63,50	3 1/2 x 2 1/2	305	2,77	□	☒
88,90 x 69,85	3 1/2 x 2 3/4	305	1,67	□	□
88,90 x 76,20	3 1/2 x 3	305	1,16	□	□
95,25 x 25,40	3 3/4 x 1	305	4,66	□	□
95,25 x 31,75	3 3/4 x 1 1/4	305	4,46	□	□
95,25 x 38,10	3 3/4 x 1 1/2	305	4,98	□	□
95,25 x 44,45	3 3/4 x 1 3/4	305	3,93	□	□
95,25 x 50,80	3 3/4 x 2	305	3,59	□	□
95,25 x 57,15	3 3/4 x 2 1/4	305	3,21	□	□
95,25 x 63,50	3 3/4 x 2 1/2	305	2,79	□	□
95,25 x 69,85	3 3/4 x 2 3/4	305	2,32	□	□
95,25 x 76,20	3 3/4 x 3	305	1,81	□	□
95,25 x 82,55	3 3/4 x 3 1/4	305	1,25	□	□
101,60 x 25,40	4 x 1	305	5,36	□	☒
101,60 x 31,75	4 x 1 1/4	305	5,15	□	□
101,60 x 50,80	4 x 2	305	5,10	□	□
101,60 x 57,15	4 x 2 1/4	305	4,70	□	□
101,60 x 63,50	4 x 2 1/2	305	3,48	□	□
101,60 x 69,85	4 x 2 3/4	305	3,01	□	□
101,60 x 76,20	4 x 3	305	2,50	□	□
101,60 x 82,55	4 x 3 1/4	305	1,94	□	□
101,60 x 88,90	4 x 3 1/2	305	1,34	□	□
107,95 x 22,23	4 1/4 x 7/8	150	3,04	□	□
107,95 x 25,40	4 1/4 x 1	150	3,00	□	□
107,95 x 50,80	4 1/4 x 2	305	5,02	□	□
107,95 x 63,50	4 1/4 x 2 1/2	305	4,22	□	□
107,95 x 76,20	4 1/4 x 3	305	3,24	□	□
107,95 x 82,55	4 1/4 x 3 1/4	305	2,68	□	□
107,95 x 88,90	4 1/4 x 3 1/2	305	2,81	□	□
107,95 x 95,25	4 1/4 x 3 3/4	305	1,43	□	□
114,30 x 25,40	4 1/2 x 1	150	3,38	□	□
114,30 x 44,45	4 1/2 x 1 3/4	305	6,14	□	□

Outside diameter [O.D.] [mm]	Tolerances [mm] on: O.D. I.D.	
31,75 – 120,65	-0,0 +3	-0,0 -1,5
127,00 – 184,15	-0,0 +6,0	-0,0 -3,0
190,50 – 304,80		

Tolerances on the lengths [mm]
76 [-0,0 +6,0]
150 [-0,0 +13,0]
305 [-0,0 +25,0]

^[1]: for non-listed intermediate diameters, please consult us^[2]: theoretical weights, based on nominal dimensions and average density

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Fluorosint®



Reinforced Polytetrafluoroethylene [PTFE + MICA]

Fluorosint® 207

Fluorosint® 500

TUBES						
O.D. x I.D. [mm]	Diameters ^[1]		Standard lengths [mm]	Weight [kg/pce ^[2]]	Fluorosint® 207	Fluorosint® 500
	O.D. x I.D.	[inches]				
114,30 x 50,80	4 1/2 x 2		305	5,80	<input type="checkbox"/>	<input type="checkbox"/>
114,30 x 63,50	4 1/2 x 2 1/2		305	5,00	<input type="checkbox"/>	<input type="checkbox"/>
114,30 x 69,85	4 1/2 x 2 3/4		305	4,53	<input type="checkbox"/>	<input type="checkbox"/>
114,30 x 76,20	4 1/2 x 3		305	4,02	<input type="checkbox"/>	<input type="checkbox"/>
114,30 x 82,55	4 1/2 x 3 1/4		305	3,46	<input type="checkbox"/>	<input type="checkbox"/>
114,30 x 88,90	4 1/2 x 3 1/2		305	2,86	<input type="checkbox"/>	<input type="checkbox"/>
114,30 x 95,25	4 1/2 x 3 3/4		305	2,21	<input type="checkbox"/>	<input type="checkbox"/>
114,30 x 101,60	4 1/2 x 4		305	1,52	<input type="checkbox"/>	<input type="checkbox"/>
120,65 x 63,50	4 3/4 x 2 1/2		305	5,82	<input type="checkbox"/>	<input type="checkbox"/>
120,65 x 69,85	4 3/4 x 2 3/4		305	6,42	<input type="checkbox"/>	<input type="checkbox"/>
120,65 x 76,20	4 3/4 x 3		305	5,75	<input type="checkbox"/>	<input type="checkbox"/>
120,65 x 82,55	4 3/4 x 3 1/4		305	5,27	<input type="checkbox"/>	<input type="checkbox"/>
120,65 x 88,90	4 3/4 x 3 1/2		305	3,68	<input type="checkbox"/>	<input type="checkbox"/>
120,65 x 95,25	4 3/4 x 3 3/4		305	3,03	<input type="checkbox"/>	<input checked="" type="checkbox"/>
120,65 x 101,60	4 3/4 x 4		305	2,34	<input type="checkbox"/>	<input type="checkbox"/>
120,65 x 107,95	4 3/4 x 4 1/4		305	1,61	<input type="checkbox"/>	<input type="checkbox"/>
127,00 x 22,23	5 x 7/8		150	4,25	<input type="checkbox"/>	<input type="checkbox"/>
127,00 x 31,75	5 x 1 1/4		305	8,37	<input type="checkbox"/>	<input type="checkbox"/>
127,00 x 69,85	5 x 2 3/4		305	6,23	<input type="checkbox"/>	<input type="checkbox"/>
127,00 x 76,20	5 x 3		305	5,71	<input type="checkbox"/>	<input type="checkbox"/>
127,00 x 88,90	5 x 3 1/2		305	4,55	<input type="checkbox"/>	<input type="checkbox"/>
127,00 x 95,25	5 x 3 3/4		305	3,90	<input type="checkbox"/>	<input type="checkbox"/>
127,00 x 101,60	5 x 4		305	3,21	<input type="checkbox"/>	<input type="checkbox"/>
127,00 x 107,95	5 x 4 1/4		305	4,83	<input type="checkbox"/>	<input type="checkbox"/>
127,00 x 114,30	5 x 4 1/2		305	1,70	<input type="checkbox"/>	<input type="checkbox"/>
133,35 x 31,75	5 1/4 x 1 1/4		305	11,25	<input type="checkbox"/>	<input type="checkbox"/>
133,35 x 88,90	5 1/4 x 3 1/2		305	5,47	<input type="checkbox"/>	<input type="checkbox"/>
133,35 x 95,25	5 1/4 x 3 3/4		305	4,82	<input type="checkbox"/>	<input type="checkbox"/>
133,35 x 101,60	5 1/4 x 4		305	4,13	<input type="checkbox"/>	<input type="checkbox"/>
133,35 x 104,78	5 1/4 x 4 1/8		305	3,77	<input type="checkbox"/>	<input type="checkbox"/>
133,35 x 107,95	5 1/4 x 4 1/4		305	3,39	<input type="checkbox"/>	<input type="checkbox"/>
133,35 x 114,30	5 1/4 x 4 1/2		305	4,23	<input type="checkbox"/>	<input type="checkbox"/>
139,70 x 50,80	5 1/2 x 2		305	9,37	<input type="checkbox"/>	<input type="checkbox"/>
139,70 x 76,20	5 1/2 x 3		305	7,59	<input type="checkbox"/>	<input type="checkbox"/>
139,70 x 88,90	5 1/2 x 3 1/2		305	6,43	<input type="checkbox"/>	<input type="checkbox"/>
139,70 x 101,60	5 1/2 x 4		305	5,09	<input type="checkbox"/>	<input type="checkbox"/>
139,70 x 114,30	5 1/2 x 4 1/2		305	3,57	<input type="checkbox"/>	<input type="checkbox"/>

Outside diameter [O.D.] [mm]	Tolerances [mm] on: O.D. I.D.	
31,75 – 120,65	-0,0	+3
127,00 – 184,15	-0,0	+6,0
190,50 – 304,80	-0,0	-3,0

Tolerances on the lengths [mm]
76 [-0,0 +6,0]
150 [-0,0 +13,0]
305 [-0,0 +25,0]

^[1]: for non-listed intermediate diameters, please consult us

^[2]: theoretical weights, based on nominal dimensions and average density

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Fluorosint®



Reinforced Polytetrafluoroethylene [PTFE + MICA]

Fluorosint® 207

Fluorosint® 500

TUBES

Diameters ^[1] [mm] O.D. x I.D.	Diameters ^[1] [inches] O.D. x I.D.	Standard lengths [mm]	Weight [kg/pce ^[2]]	TUBES	
				Fluorosint® 207	Fluorosint® 500
146,05 x 120,65	5 3/4 x 4 3/4	305	4,55	□	□
152,40 x 25,40	6 x 1	150	6,15	□	□
152,40 x 50,80	6 x 2	305	11,40	□	□
152,40 x 76,20	6 x 3	305	9,64	□	□
152,40 x 95,25	6 x 3 3/4	305	7,83	□	□
152,40 x 101,60	6 x 4	305	7,14	□	□
152,40 x 107,95	6 x 4 1/4	305	6,40	□	□
152,40 x 114,30	6 x 4 1/2	305	5,62	□	□
152,40 x 127,00	6 x 5	305	3,93	□	□
158,75 x 31,75	6 1/4 x 1 1/4	305	13,40	□	□
158,75 x 101,60	6 1/4 x 4	305	8,23	□	□
158,75 x 127,00	6 1/4 x 5	305	5,02	□	□
165,10 x 76,20	6 1/2 x 3	305	11,85	□	□
165,10 x 101,60	6 1/2 x 4	305	9,37	□	□
165,10 x 127,00	6 1/2 x 5	305	6,16	□	□
165,10 x 139,70	6 1/2 x 5 1/2	305	4,28	□	□
177,80 x 31,75	7 x 1 1/4	150	8,33	□	□
177,80 x 44,45	7 x 1 3/4	150	9,61	□	□
177,80 x 101,60	7 x 4	305	11,80	□	□
177,80 x 127,00	7 x 5	305	8,57	□	□
177,80 x 165,10	7 x 6 1/2	305	4,63	□	□
184,15 x 25,40	7 1/4 x 1	150	9,05	□	□
184,15 x 38,10	7 1/4 x 1 1/2	150	8,83	□	□
184,15 x 127,00	7 1/4 x 5	305	9,84	□	□
184,15 x 139,70	7 1/4 x 5 1/2	305	7,97	□	□
184,15 x 152,40	7 1/4 x 6	305	5,91	□	□
184,15 x 165,10	7 1/4 x 6 1/2	305	6,01	□	□
190,50 x 127,00	7 1/2 x 5	305	13,97	□	□
190,50 x 152,40	7 1/2 x 6	305	7,23	□	□
190,50 x 165,10	7 1/2 x 6 1/2	305	5,00	□	□
190,50 x 177,80	7 1/2 x 7	305	2,59	□	□
196,85 x 38,10	7 3/4 x 1 1/2	150	10,15	□	□
196,85 x 69,85	7 3/4 x 2 3/4	305	21,98	□	□
196,85 x 165,10	7 3/4 x 6 1/2	305	6,36	□	□
203,20 x 31,75	8 x 1 1/4	76	5,55	□	□
203,20 x 38,10	8 x 1 1/2	76	6,86	□	□
203,20 x 139,70	8 x 5 1/2	305	12,05	□	□

Outside diameter [O.D.] [mm]	Tolerances [mm] on: O.D. I.D.	
31,75 – 120,65	-0,0	+3
127,00 – 184,15	-0,0	+6,0
190,50 – 304,80	-0,0	-3,0

Tolerances on the lengths [mm]	
76 [-0,0	+6,0]
150 [-0,0	+13,0]
305 [-0,0	+25,0]

^[1]: for non-listed intermediate diameters, please consult us^[2]: theoretical weights, based on nominal dimensions and average density

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

▢ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Fluorosint®



Reinforced Polytetrafluoroethylene [PTFE + MICA]

Fluorosint® 207

Fluorosint® 500

TUBES						
O.D. x I.D. [mm]	Diameters ^[1]		Standard lengths [mm]	Weight [kg/pce ^[2]]	Fluorosint® 207	Fluorosint® 500
	O.D. x I.D.	[inches]				
203,20 x 152,40	8 x 6		305	10,00	□	□
203,20 x 165,10	8 x 6 1/2		305	7,76	□	□
203,20 x 171,45	8 x 6 3/4		305	6,58	□	□
209,55 x 158,75	8 1/4 x 6 1/4		305	10,35	□	□
215,90 x 152,40	8 1/2 x 6		305	12,95	□	□
215,90 x 177,80	8 1/2 x 7		305	8,30	□	□
222,25 x 209,55	8 3/4 x 8 1/4		305	3,03	□	□
228,60 x 152,40	9 x 6		305	16,05	□	□
228,60 x 177,80	9 x 7		305	11,40	□	□
228,60 x 203,20	9 x 8		305	6,07	□	□
241,30 x 152,40	9 1/2 x 6		305	19,35	□	□
241,30 x 177,80	9 1/2 x 7		305	14,75	□	□
241,30 x 203,20	9 1/2 x 8		305	9,37	□	□
241,30 x 215,90	9 1/2 x 8 1/2		305	6,43	□	□
254,00 x 152,40	10 x 6		305	22,85	□	□
254,00 x 177,80	10 x 7		305	18,20	□	□
254,00 x 203,20	10 x 8		305	12,85	□	□
254,00 x 215,90	10 x 8 1/2		305	9,91	□	□
266,70 x 152,40	10 1/2 x 6		305	26,50	□	□
266,70 x 177,80	10 1/2 x 7		305	21,85	□	□
266,70 x 190,50	10 1/2 x 7 1/2		305	19,30	□	□
266,70 x 215,90	10 1/2 x 8 1/2		305	13,55	□	☒
279,40 x 139,70	11 x 5 1/2		305	32,40	□	□
304,80 x 139,70	12 x 5 1/2		305	40,60	□	□
304,80 x 177,80	12 x 7		305	33,90	□	□
304,80 x 203,20	12 x 8		305	28,55	□	□
304,80 x 215,90	12 x 8 1/2		305	30,76	□	□
304,80 x 228,60	12 x 9		305	22,50	□	□
304,80 x 254,00	12 x 10		305	15,70	□	☒

Outside diameter [O.D.] [mm]	Tolerances [mm] on: O.D. I.D.	
31,75 – 120,65	-0,0	+3
127,00 – 184,15	-0,0	+6,0
190,50 – 304,80	-0,0	-3,0

Tolerances on the lengths [mm]
76 [-0,0 +6,0]
150 [-0,0 +13,0]
305 [-0,0 +25,0]

^[1]: for non-listed intermediate diameters, please consult us

^[2]: theoretical weights, based on nominal dimensions and average density

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

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improved availability possible upon customer planning]

Semitron® ESd



Static Dissipative Polyetherimide [PEI]

Semitron® ESd 410C

ROUND RODS				
Diameters ^{[1][2]}		Standard lengths [mm ^[1]]	Semitron® ESd 410C	
[mm]	[inches]		[kg/pce ^[3]]	
9,53	0,375	305	0,03	<input type="checkbox"/>
12,70	1/2	305	0,05	<input type="checkbox"/>
15,88	5/8	305	0,09	<input type="checkbox"/>
19,05	3/4	305	0,12	<input type="checkbox"/>
25,40	1	305	0,22	<input type="checkbox"/>
31,75	1 1/4	305	0,34	<input type="checkbox"/>
38,10	1 1/2	305	0,49	<input type="checkbox"/>
47,63	1 7/8	203	0,77	<input type="checkbox"/>
76,20	3	153	1,34	<input type="checkbox"/>
111,13	4,375	153	2,34	<input type="checkbox"/>

^[1]: all dimensions shown are minimum values

^[2]: for non-listed intermediate diameters, please consult us

^[3]: theoretical weights, based on nominal dimensions and average density

: **standard** item [generally available from stock; bulk quantities to be manufactured to order]

: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

: **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]



Semitron® ESd

Static Dissipative Polyetherimide [PEI]
 Static Dissipative Polytetrafluoroethylene[PTFE + MICA]
 Static Dissipative Polyamide-imide [PAI]

Semitron® ESd 410C
 Semitron® ESd 500HR
 Semitron® ESd 520HR

Thicknesses ^{[1][2]}		Semitron® ESd 410C			
[mm]	[inch]	Standard size per piece: [305 x 305 mm ^[1]] [kg/pce ^[3]]		Standard size per piece: [305 x 610 mm ^[1]] [kg/pce ^[3]]	
9,53	3/8	1,25	<input type="checkbox"/>	2,50	<input checked="" type="checkbox"/>
12,70	1/2	1,97	<input checked="" type="checkbox"/>	3,79	<input checked="" type="checkbox"/>
15,88	5/8	2,08	<input type="checkbox"/>	4,17	<input type="checkbox"/>
19,05	3/4	2,50	<input type="checkbox"/>	5,00	<input type="checkbox"/>
25,40	1	3,33	<input checked="" type="checkbox"/>	6,66	<input type="checkbox"/>
31,75	1 1/4	4,16	<input type="checkbox"/>	—	<input type="checkbox"/>
38,10	1 1/2	5,00	<input type="checkbox"/>	—	<input type="checkbox"/>
44,45	1 3/4	5,83	<input type="checkbox"/>	—	<input type="checkbox"/>
50,80	2	6,66	<input type="checkbox"/>	—	<input type="checkbox"/>

Thicknesses ^{[1][2]}		Semitron® ESd 500HR	
[mm]	[inches]	Standard size per piece: [305 x 305 mm ^[1]] [kg/pce ^[3]]	
6,35	1/4	1,35	<input type="checkbox"/>
9,53	3/8	2,02	<input type="checkbox"/>
12,70	1/2	2,70	<input type="checkbox"/>
15,88	5/8	3,38	<input type="checkbox"/>
19,05	3/4	4,05	<input type="checkbox"/>
25,40	1	5,40	<input type="checkbox"/>
31,75	1 1/4	6,76	<input type="checkbox"/>
38,10	1 1/2	8,11	<input type="checkbox"/>
44,45	1 3/4	9,46	<input type="checkbox"/>
50,80	2	10,80	<input type="checkbox"/>

Thicknesses ^{[1][2]}		Semitron® ESd 520HR	
[mm]	[inches]	Standard size per piece: [305 x 305 mm ^[1]] [kg/pce ^[3]]	
9,53	3/8	1,68	<input type="checkbox"/>
12,70	1/2	1,87	<input type="checkbox"/>
15,88	5/8	2,33	<input type="checkbox"/>
19,05	3/4	2,80	<input checked="" type="checkbox"/>
25,40	1	3,73	<input type="checkbox"/>
31,75	1 1/4	4,95	<input type="checkbox"/>
38,10	1 1/2	5,60	<input checked="" type="checkbox"/>

^[1]: all dimensions shown are minimum values

^[2]: for non-listed intermediate thicknesses, please consult us

^[3]: theoretical weights, based on nominal dimensions and average density

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

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Advanced Engineering Plastics for elevated temperature range up to 240 °C

Techtron® | Quadrant® PPSU/PSU | Duratron® U1000 PEI



Techtron®

Techtron HPV PPS [PPS + solid lubricant; colour deep-blue]

Techtron HPV PPS demonstrates an excellent combination of properties including wear resistance, load-bearing capabilities and dimensional stability when exposed to chemicals and high temperature environments. Techtron HPV PPS is found in applications where PA, POM, PET and other plastics fall short or where PI, PEEK and PAI are over-engineered and a more economical solution must be found. Thanks to the uniformly dispersed internal lubricant, Techtron HPV PPS exhibits an excellent wear resistance and a low coefficient of friction. It overcomes the disadvantages of virgin PPS caused by a high coefficient of friction and of a glass fibre reinforced PPS which causes premature wear of the counterface in moving-part applications.

Quadrant® PPSU/PSU

Quadrant PPSU

Quadrant PPSU is an amorphous high performance thermoplastic, offering better impact strength and chemical resistance than polysulfone and polyetherimide. Quadrant PPSU also has superior hydrolysis resistance as measured by steam autoclaving cycles to failure, making it especially suited for repeated steam sterilisation applications.

Quadrant PSU

Quadrant PSU is a translucent [non-optical quality] amorphous thermoplastic material, offering a combination of excellent mechanical, thermal and electrical properties. It often replaces polycarbonate whenever higher temperature resistance, improved chemical resistance or autoclavability is required.

Duratron® PEI

Duratron U1000 PEI

Duratron U1000 PEI 1000 is an amber translucent [non-optical quality] amorphous thermoplastic material, offering high strength and heat resistance. It performs continuously to 170 °C, making it ideal for high strength/high heat applications, and also for applications requiring consistent dielectric properties over a wide frequency and temperature range.

Techtron® HPV PPS



Polyphenylene Sulfide [PPS]

Techtron® HPV PPS

ROUND RODS			
Diameters [mm]	Tolerances on the diameters [mm]	Techtron® HPV PPS	
		Standard length per piece: [3000 mm ^[1]] [kg/pce ^[2]]	
8		0,24	<input type="checkbox"/>
10	+0,1 +0,5	0,37	<input type="checkbox"/>
12		0,55	<input type="checkbox"/>
15		0,84	<input type="checkbox"/>
16	+0,2 +0,9	0,95	<input checked="" type="checkbox"/>
18		1,19	<input type="checkbox"/>
20		1,46	<input checked="" type="checkbox"/>
22		1,79	<input type="checkbox"/>
25		2,30	<input checked="" type="checkbox"/>
28	+0,2 +1,2	2,85	<input type="checkbox"/>
30		3,27	<input checked="" type="checkbox"/>
32		3,69	<input type="checkbox"/>
36	+0,2 +1,6	4,71	<input checked="" type="checkbox"/>
40		5,79	<input checked="" type="checkbox"/>
45		7,38	<input type="checkbox"/>
50	+0,3 +2,0	9,06	<input checked="" type="checkbox"/>
56		11,31	<input checked="" type="checkbox"/>
60		13,05	<input checked="" type="checkbox"/>
65	+0,3 +2,5	15,27	<input type="checkbox"/>
70		17,64	<input type="checkbox"/>
75	+0,4 +3,0	20,37	<input type="checkbox"/>
80		23,10	<input checked="" type="checkbox"/>
90	+0,5 +3,4	29,25	<input type="checkbox"/>
100	+0,6 +3,8	36,15	<input checked="" type="checkbox"/>
110	+0,7 +4,2	44,10	<input type="checkbox"/>
120	+0,8 +4,6	52,65	<input type="checkbox"/>
125		56,85	<input type="checkbox"/>
130	+0,9 +5,4	61,95	<input type="checkbox"/>
Other standard length: [1000 mm ^{[1][3]}]			

^[1]: tolerance on the length -0/+3 %^[2]: average production weights^[3]: non-standard length for diameters over 60 mm

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

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improved availability possible upon customer planning]



Techtron® HPV PPS

Polyphenylene Sulfide [PPS]

Techtron® HPV PPS

PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Techtron® HPV PPS	
		Standard size per piece: [525 x 3000 mm ^[1]] [kg/pce ^[2]]	
5	+0,2 +0,7	13,17	■
6		15,54	□
8	+0,2 +0,9	20,55	■
10		25,29	□
Other standard size: [525 x 1000 mm ^{[1][3]}]			

PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Techtron® HPV PPS	
		Standard size per piece: [625 x 3000 mm ^[1]] [kg/pce ^[2]]	
12		36,90	□
16	+0,3 +1,5	48,00	■
20		59,25	□
25		73,20	□
30		89,40	■
35		103,35	□
40	+0,5 +2,5	117,30	■
45		131,25	□
50		145,35	■
55		161,10	□
60	+0,5 +3,5	175,05	□
65		189,00	□
70		203,10	□
80		233,70	□
90	+0,5 +5,0	261,75	□
100		289,65	□
Other standard size: [625 x 1000 mm ^{[1][3]}]			

^[1]: tolerances in width +5/+25 mm, in length -0/+3 %

^[2]: average production weights

^[3]: non-standard size for thicknesses over 25 mm

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improved availability possible upon customer planning]

Techtron® HPV PPS



Polyphenylene Sulfide [PPS]

Techtron® HPV PPS

TUBES				
Diameters [mm ^[1]] O.D. x I.D.	Tolerances on the diameters [mm]		Techtron® HPV PPS	
	O.D.	I.D.	Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]	
50 x 30	+0,5 +2,2	-0,5 -2,2	6,24	<input type="checkbox"/>
50 x 40			3,93	<input type="checkbox"/>
60 x 30			10,32	<input type="checkbox"/>
60 x 40	+0,6 +2,8	-0,6 -2,8	8,04	<input type="checkbox"/>
60 x 50			5,07	<input type="checkbox"/>
70 x 30			15,09	<input type="checkbox"/>
70 x 40			12,84	<input type="checkbox"/>
70 x 50			9,87	<input type="checkbox"/>
70 x 60	+0,6 +3,4	-0,6 -3,4	6,24	<input type="checkbox"/>
80 x 40			18,12	<input type="checkbox"/>
80 x 50			15,18	<input type="checkbox"/>
80 x 60			11,52	<input type="checkbox"/>
90 x 40			24,78	<input type="checkbox"/>
90 x 50			21,90	<input type="checkbox"/>
90 x 60			18,36	<input type="checkbox"/>
90 x 70			14,13	<input type="checkbox"/>
100 x 40	+1,0 +4,0	-1,4 -5,4	31,50	<input type="checkbox"/>
100 x 50			28,59	<input type="checkbox"/>
100 x 60			25,05	<input type="checkbox"/>
100 x 70			20,82	<input type="checkbox"/>
100 x 80			15,93	<input type="checkbox"/>
115 x 50			40,80	<input type="checkbox"/>
115 x 60			37,35	<input type="checkbox"/>
115 x 70			33,15	<input type="checkbox"/>
115 x 80			28,29	<input type="checkbox"/>
115 x 90			22,77	<input type="checkbox"/>
115 x 100			16,53	<input type="checkbox"/>
125 x 50			49,20	<input type="checkbox"/>
125 x 60			45,75	<input type="checkbox"/>
125 x 70	+1,3 +5,0	-1,8 -7,0	41,55	<input type="checkbox"/>
125 x 80			36,75	<input type="checkbox"/>
125 x 90			31,20	<input type="checkbox"/>
125 x 100			24,99	<input type="checkbox"/>
140 x 50			63,15	<input type="checkbox"/>
140 x 60			59,70	<input type="checkbox"/>
140 x 70			55,50	<input type="checkbox"/>
140 x 80			50,70	<input type="checkbox"/>
140 x 90			45,15	<input type="checkbox"/>
140 x 100			39,00	<input type="checkbox"/>
160 x 80			72,75	<input type="checkbox"/>
160 x 90			67,35	<input type="checkbox"/>
160 x 100			61,05	<input type="checkbox"/>
160 x 120			46,65	<input type="checkbox"/>
180 x 80	+1,6 +6,0	-2,0 -8,0	96,60	<input type="checkbox"/>
180 x 90			91,20	<input type="checkbox"/>
180 x 100			84,90	<input type="checkbox"/>
180 x 120			70,50	<input type="checkbox"/>
180 x 140			53,40	<input type="checkbox"/>
200 x 100			112,50	<input type="checkbox"/>
200 x 120	+1,8 +6,5	-2,3 -9,0	98,10	<input type="checkbox"/>
200 x 140			81,15	<input type="checkbox"/>
200 x 160			61,20	<input type="checkbox"/>
Other standard length: [1000 mm ^[2]]				

^[1]: for non-listed intermediate diameters,
please consult us

^[2]: tolerance on the length: -0/+3 %

^[3]: average production weights

- : **standard** item [generally available from stock;
bulk quantities to be manufactured to order]
- : **semi-standard** item [generally not available
from stock, minimum order quantity 1 piece]
- : **non-standard** item [generally not available
from stock, manufactured to order and subject
to special conditions; improved availability
possible upon customer planning]

Quadrant® 1000 PSU



Polysulphone [PSU]

Quadrant® 1000 PSU natural

ROUND RODS			
Diameters [mm]	Tolerances on the diameters [mm]	Quadrant® 1000 PSU natural	
		Standard length per piece: [3000 mm ^[1]] [kg/pce ^[2]]	
5	+0,1 +0,04	0,08	<input type="checkbox"/>
6		0,12	<input type="checkbox"/>
8	+0,1 +0,5	0,21	<input type="checkbox"/>
10		0,32	<input type="checkbox"/>
12		0,48	<input type="checkbox"/>
15		0,73	<input type="checkbox"/>
16	+0,2 +0,9	0,89	<input type="checkbox"/>
18		1,04	<input type="checkbox"/>
20		1,27	<input checked="" type="checkbox"/>
22		1,56	<input type="checkbox"/>
25		2,00	<input type="checkbox"/>
28	+0,2 +1,2	2,48	<input type="checkbox"/>
30		2,84	<input type="checkbox"/>
32		3,21	<input type="checkbox"/>
36	+0,2 +1,6	4,08	<input type="checkbox"/>
40		5,01	<input checked="" type="checkbox"/>
45	+0,3 +2,0	6,39	<input type="checkbox"/>
50		7,86	<input type="checkbox"/>
60	+0,3 +2,5	11,31	<input type="checkbox"/>
70		15,27	<input type="checkbox"/>
80	+0,4 +3,0	20,01	<input type="checkbox"/>
90	+0,5 +3,4	25,35	<input type="checkbox"/>
100	+0,6 +3,8	31,35	<input type="checkbox"/>
110	+0,7 +4,2	37,95	<input type="checkbox"/>
120	+0,8 +4,6	45,15	<input type="checkbox"/>
125		48,90	<input type="checkbox"/>
130	+0,9 +5,4	53,25	<input type="checkbox"/>
140		61,50	<input type="checkbox"/>
150	+1,0 +5,8	70,65	<input type="checkbox"/>
Other standard length: [1000 mm ^{[1][3]}]			

^[1]: tolerance on the length -0/+3 %

^[2]: average production weights

^[3]: non-standard length for diameters over 60 mm

: **standard** item [generally available from stock; bulk quantities to be manufactured to order]

: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

: **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Quadrant® 1000 PSU



Polysulphone [PSU]

Quadrant® 1000 PSU natural

PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Quadrant® 1000 PSU natural	
		Standard size per piece: [625 x 3000 mm ^[1]] [kg/pce ^[2]]	
10	+0,2 +0,9	25,71	<input type="checkbox"/>
12		31,65	<input type="checkbox"/>
15		40,50	<input type="checkbox"/>
16	+0,3 +1,5	41,25	<input type="checkbox"/>
20		50,85	<input type="checkbox"/>
25		62,85	<input type="checkbox"/>
30		76,65	<input type="checkbox"/>
40	+0,5 +2,5	100,65	<input type="checkbox"/>
50		124,65	<input type="checkbox"/>
60	+0,5 +3,5	150,15	<input type="checkbox"/>
70		174,15	<input type="checkbox"/>
80		200,55	<input type="checkbox"/>
90	+0,5 +5,0	224,55	<input type="checkbox"/>
100		248,55	<input type="checkbox"/>
Other standard size: [625 x 1000 mm ^{[1][3]}]			

^[1]: tolerances on width +5/+25 mm, on length -0/+3 %^[2]: average production weights^[3]: non-standard size for thicknesses over 25 mm

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Duratron® PEI



Polyetherimide[PEI]

Duratron® U1000 PEI natural

ROUND RODS						
Diameters ^[1]		Tolerances on the diameters [mm]	Standard lengths [mm ^[2]]	Duratron® U1000 PEI natural [kg/pce ^[3]]		
[mm]	[inch]					
6,35	1/4		2440	0,10	<input type="checkbox"/>	
9,53	3/8		2440	0,23	<input type="checkbox"/>	
12,70	1/2		2440	0,40	<input checked="" type="checkbox"/>	
15,88	5/8		2440	0,63	<input type="checkbox"/>	
19,05	3/4		2440	0,91	<input type="checkbox"/>	
25,40	1		2440	1,61	<input type="checkbox"/>	
31,75	1 1/4		2440	2,52	<input type="checkbox"/>	
38,10	1 1/2	-0,0 +0,15	2440	3,62	<input checked="" type="checkbox"/>	
50,80	2		2440	6,42	<input checked="" type="checkbox"/>	
63,50	2 1/2	-0,0 +0,40	2440	10,10	<input type="checkbox"/>	
76,20	3		1220	8,52	<input type="checkbox"/>	
101,60	4		1220	14,57	<input type="checkbox"/>	
127,00	5	-0,0 +6,50	1220	22,23	<input type="checkbox"/>	
152,40	6		1220	31,50	<input type="checkbox"/>	

^[1]: for non-listed intermediate diameters, please consult us

^[2]: all lengths shown are minimum values

^[3]: theoretical weights, based on nominal dimensions and average density

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

Duratron® PEI



Polyetherimide[PEI]

Duratron® U1000 PEI natural

PLATES				
Thicknesses		Tolerances on the thicknesses	Duratron® U1000 PEI natural	
[mm]	[inch]	[mm]	Standard size per piece: [610 x 1220 mm ^[1]] [kg/pce ^[2]]	
6,35	1/4	-0,0 +0,65	6,92	<input type="checkbox"/>
9,53	3/8		10,06	<input type="checkbox"/>
12,70	1/2		13,21	<input checked="" type="checkbox"/>
19,05	3/4		19,50	<input type="checkbox"/>
25,40	1		25,79	<input type="checkbox"/>
38,10	1 1/2		38,37	<input type="checkbox"/>
44,45	1 3/4		42,30	<input type="checkbox"/>
50,80	2		50,95	<input type="checkbox"/>
Other standard size: [305 x 610 mm ^[1]]				

^[1]: tolerances on width and length:

605 [-0/+15] x 610 [-0/+15] mm

610 [-0/+15] x 1220 [+5/+25] mm

^[2]: theoretical weights, based on nominal dimensions and average density

: **standard** item [generally available from stock; bulk quantities to be manufactured to order]

: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

: **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

Stock Shapes for Life Science – Quadrant Life Science Grades (LSG)



Quadrant Life Science Grades (LSG) are designed specifically for the medical, pharmaceutical and biotechnology markets. They help OEMs to save time and costs associated with biocompatibility testing and regulatory approvals. Key benefits of the Life Science Grades are:

Performance

Using the cutting edge material portfolio from Quadrant will replace existing solutions made of stainless steel, Titanium and glass or ceramics due to a combination of properties like weight reduction, resistance to commonly used sterilisation methods, X-ray transparency, design flexibility, antistatic performance and resistance to high energetic radiation.

Biocompatibility

The LSG portfolio includes plastics which comply with FDA, ISO 10993 and USP guidelines for biocompatibility testing of materials.

Full traceability

Quadrant provides OEMs with assurance of full traceability for its comprehensive LSG product portfolio.

Quality assurance

In line with its ISO 9001:2000 certified Quality Assurance System, Quadrant EPP thoroughly monitors and controls the entire manufacturing process of its Life Science Grades.

Ketron® LSG PEEK



Polyetheretherketone [PEEK]

Ketron® LSG PEEK natural/black

Ketron® CLASSIX™ LSG PEEK white

ROUND RODS							
Diameters	Tolerances on the diameters	Ketron® LSG PEEK natural		Ketron® LSG PEEK black		Ketron® CLASSIX™ LSG PEEK white	
		Standard size per piece: [3000 mm ^[1]]					
[mm]	[mm]	[kg/pce ^[2]]		[kg/pce ^[2]]		[kg/pce ^[2]]	
5		0,08	□	0,08	□	0,09	□ ^[4]
6		0,12	□	0,12	□	0,13	■ ^[4]
7		0,16	□	0,16	□	0,17	□ ^[4]
8	+0,1 +0,2	0,20	□	0,20	□	0,22	■ ^[4]
9		0,26	□	0,26	□	0,28	□ ^[4]
10		0,32	□	0,32	■	0,34	■ ^[4]
11		0,39	□	0,39	□	0,42	□
12		0,47	■	0,47	■	0,50	□
14		0,63	□	0,63	□	0,68	□
15		0,72	□	0,72	□	0,77	□
16	+0,3 +0,4	0,82	■	0,82	■	0,88	□
18		1,04	□	1,04	□	1,11	□
20		1,27	■	1,27	■	1,37	□
22		1,55	□	1,55	□	1,65	□
25		1,98	■	1,98	■	2,13	□
28		2,48	□	2,48	□	2,67	□
30		2,85	□	2,85	□	3,06	□
32		3,24	■	3,24	□	3,48	□
35	+0,3 +0,5	3,87	□	3,87	□	4,14	□
36		4,08	□	4,08	□	4,38	□
40		5,04	■	5,04	■	5,40	□
45		6,39	□	6,39	□	6,87	□
50		7,89	■	7,89	■	8,46	□
56	+0,4 +0,6	9,90	□	9,90	□	10,62	□
60		11,34	□	11,34	□	12,18	□
65		13,32	□	13,32	□	14,28	□
70		15,42	■	15,42	□	16,56	□
75	+0,4 +3,0	18,36	□	18,36	□	19,71	□
80		20,82	□	20,82	□	22,35	□
90	+0,5 +3,4	26,40	□	26,40	□	28,32	□
100	+0,6 +3,8	32,55	□	32,55	□	34,95	□
110	+0,7 +4,2	39,00	□	—	—	—	—
120	+0,8 +5,6	46,35	□	—	—	—	—
130	+0,9 +5,4	54,60	□	—	—	—	—
140		63,15	□	—	—	—	—
150		72,45	□	—	—	—	—
160		82,35	□	—	—	—	—
170	+1,0 +5,8	92,70	□	—	—	—	—
180		103,80	□	—	—	—	—
190		115,50	□	—	—	—	—
200		127,80	□	—	—	—	—

Other standard length: [1000 mm^{[1][3]}]^[1]: tolerance on the lengths -0/+3 %^[2]: average production weights^[3]: non-standard length for diameters over 60 mm [manufactured to order and subject to special conditions]^[4]: tolerance on the diameters: h9 (-0,036/+0 mm)

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

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improved availability possible upon customer planning]

Ketron® LSG PEEK



Polyetheretherketone [PEEK]

Ketron® LSG GF30 PEEK

Ketron® LSG CA30 PEEK

ROUND RODS						
Diameters [mm]	Tolerances on the diameters [mm]	Ketron® LSG GF30 PEEK		Ketron® LSG CA30 PEEK		
		Standard length per piece: [3000 mm ^[1]] [kg/pce ^[2]]		[kg/pce ^[2]]		
6	+0,1 +0,4	0,14	<input type="checkbox"/>	0,14	<input type="checkbox"/>	
7		0,20	<input type="checkbox"/>	0,18	<input type="checkbox"/>	
8		0,25	<input type="checkbox"/>	0,24	<input type="checkbox"/>	
9	+0,1 +0,5	0,32	<input type="checkbox"/>	0,29	<input type="checkbox"/>	
10		0,38	<input type="checkbox"/>	0,36	<input type="checkbox"/>	
11		0,49	<input type="checkbox"/>	0,46	<input type="checkbox"/>	
12		0,58	<input type="checkbox"/>	0,54	<input type="checkbox"/>	
14		0,77	<input type="checkbox"/>	0,73	<input type="checkbox"/>	
15	+0,2 +0,9	0,88	<input type="checkbox"/>	0,83	<input type="checkbox"/>	
16		1,00	<input type="checkbox"/>	0,94	<input type="checkbox"/>	
18		1,25	<input type="checkbox"/>	1,17	<input type="checkbox"/>	
20		1,53	<input type="checkbox"/>	1,44	<input type="checkbox"/>	
22		1,88	<input type="checkbox"/>	1,76	<input type="checkbox"/>	
25		2,40	<input type="checkbox"/>	2,25	<input type="checkbox"/>	
28	+0,2 +1,2	2,99	<input type="checkbox"/>	2,81	<input type="checkbox"/>	
30		3,42	<input type="checkbox"/>	3,21	<input type="checkbox"/>	
32		3,87	<input type="checkbox"/>	3,63	<input type="checkbox"/>	
35		4,68	<input type="checkbox"/>	4,38	<input type="checkbox"/>	
36	+0,2 +1,6	4,92	<input type="checkbox"/>	4,65	<input type="checkbox"/>	
40		6,06	<input type="checkbox"/>	5,70	<input type="checkbox"/>	
45		7,71	<input type="checkbox"/>	7,26	<input type="checkbox"/>	
50	+0,3 +2,5	9,48	<input type="checkbox"/>	8,91	<input type="checkbox"/>	
56		11,82	<input type="checkbox"/>	11,10	<input type="checkbox"/>	
60		13,65	<input type="checkbox"/>	12,84	<input type="checkbox"/>	
65	+0,3 +2,5	15,96	<input type="checkbox"/>	15,00	<input type="checkbox"/>	
70		18,42	<input type="checkbox"/>	17,34	<input type="checkbox"/>	
75	+0,4 +3,0	21,30	<input type="checkbox"/>	20,01	<input type="checkbox"/>	
80		24,15	<input type="checkbox"/>	22,71	<input type="checkbox"/>	
90	+0,5 +3,4	30,60	<input type="checkbox"/>	—	<input type="checkbox"/>	
100	+0,6 +3,8	37,80	<input type="checkbox"/>	—	<input type="checkbox"/>	

Other standard length: [1000 mm^{[1][3]}]

^[1]: tolerance on the lengths -0/+3 %

^[2]: average production weights

^[3]: non-standard length for diameters over 60 mm [manufactured to order and subject to special conditions]

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

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improved availability possible upon customer planning]

Ketron® LSG PEEK



Polyetheretherketone [PEEK]

Ketron® LSG PEEK natural/black

PLATES									
Thicknesses [mm]	Tolerances on the thicknesses	Ketron® LSG PEEK natural				Ketron® LSG PEEK black			
		Standard sizes per piece:							
		[615 x 3000 mm ^[1]] [kg/pce ^[2]]		[1000 x 3000 mm ^[1]] [kg/pce ^[2]]		[615 x 3000 mm ^[1]] [kg/pce ^[2]]		[1000 x 3000 mm ^[1]] [kg/pce ^[2]]	
5	+0,2 +0,7	13,92	<input type="checkbox"/>	22,53	<input type="checkbox"/>	13,92	<input type="checkbox"/>	22,53	<input type="checkbox"/>
6		16,41	<input type="checkbox"/>	26,55	<input type="checkbox"/>	16,41	<input type="checkbox"/>	26,55	<input type="checkbox"/>
8	+0,2 +0,9	21,72	<input type="checkbox"/>	35,10	<input type="checkbox"/>	21,72	<input type="checkbox"/>	35,10	<input type="checkbox"/>
10		26,70	<input type="checkbox"/>	43,20	<input type="checkbox"/>	26,70	<input type="checkbox"/>	43,20	<input type="checkbox"/>
12		32,85	<input type="checkbox"/>	53,10	<input type="checkbox"/>	32,85	<input type="checkbox"/>	53,10	<input type="checkbox"/>
15		40,35	<input type="checkbox"/>	65,25	<input type="checkbox"/>	40,35	<input type="checkbox"/>	65,25	<input type="checkbox"/>
16	+0,3 +1,5	42,75	<input type="checkbox"/>	69,30	<input type="checkbox"/>	42,75	<input type="checkbox"/>	69,30	<input type="checkbox"/>
18		47,70	<input type="checkbox"/>	—	<input type="checkbox"/>	47,70	<input type="checkbox"/>	—	<input type="checkbox"/>
20		52,80	<input type="checkbox"/>	85,35	<input type="checkbox"/>	52,80	<input type="checkbox"/>	85,35	<input type="checkbox"/>
25		65,25	<input type="checkbox"/>	105,60	<input type="checkbox"/>	65,25	<input type="checkbox"/>	105,60	<input type="checkbox"/>
30		79,65	<input type="checkbox"/>	—	<input type="checkbox"/>	79,65	<input type="checkbox"/>	—	<input type="checkbox"/>
35		92,10	<input type="checkbox"/>	—	<input type="checkbox"/>	92,10	<input type="checkbox"/>	—	<input type="checkbox"/>
40	+0,5 +2,5	104,55	<input type="checkbox"/>	—	<input type="checkbox"/>	104,55	<input type="checkbox"/>	—	<input type="checkbox"/>
45		117,00	<input type="checkbox"/>	—	<input type="checkbox"/>	117,00	<input type="checkbox"/>	—	<input type="checkbox"/>
50		129,45	<input type="checkbox"/>	—	<input type="checkbox"/>	129,45	<input type="checkbox"/>	—	<input type="checkbox"/>
55		143,55	<input type="checkbox"/>	—	<input type="checkbox"/>	143,55	<input type="checkbox"/>	—	<input type="checkbox"/>
60	+0,5 +3,5	156,00	<input type="checkbox"/>	—	<input type="checkbox"/>	156,00	<input type="checkbox"/>	—	<input type="checkbox"/>
65		168,45	<input type="checkbox"/>	—	<input type="checkbox"/>	168,45	<input type="checkbox"/>	—	<input type="checkbox"/>
70		180,90	<input type="checkbox"/>	—	<input type="checkbox"/>	180,90	<input type="checkbox"/>	—	<input type="checkbox"/>
80		208,20	<input type="checkbox"/>	—	<input type="checkbox"/>	208,20	<input type="checkbox"/>	—	<input type="checkbox"/>
90	+0,5 +5,0	233,10	<input type="checkbox"/>	—	<input type="checkbox"/>	233,10	<input type="checkbox"/>	—	<input type="checkbox"/>
100		258,00	<input type="checkbox"/>	—	<input type="checkbox"/>	258,00	<input type="checkbox"/>	—	<input type="checkbox"/>
Other standard sizes: Thickness ≤ 25 mm = 615/1000 x 1000 mm ^{[1][3]} Thickness > 25 mm = 615 x 1000 mm ^{[1][3]}									

[1]: tolerances on width +5/+25 mm, on length -0/+3%

[2]: average production weights

[3]: non-standard size for thicknesses over 25 mm [manufactured to order and subject to special conditions]

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ketron® LSG PEEK



Polyetheretherketone [PEEK]

Ketron® CLASSIX™ LSG PEEK white

		PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Ketron® CLASSIX™ LSG PEEK white			
		Standard size per piece: [615 x 3000 mm ^[1]] [kg/pce ^[2]]		Standard size per piece: [1000 x 3000 mm ^[1]] [kg/pce ^[2]]	
5	+0,2 +0,7	14,94	<input type="checkbox"/>	24,18	<input type="checkbox"/>
6		17,61	<input type="checkbox"/>	28,50	<input type="checkbox"/>
8	+0,2 +0,9	23,28	<input type="checkbox"/>	37,65	<input type="checkbox"/>
10		28,65	<input type="checkbox"/>	46,35	<input type="checkbox"/>
12		35,25	<input type="checkbox"/>	57,00	<input type="checkbox"/>
15		43,20	<input type="checkbox"/>	69,90	<input type="checkbox"/>
16	+0,3 +1,5	45,90	<input type="checkbox"/>	74,25	<input type="checkbox"/>
18		51,30	<input type="checkbox"/>	—	<input type="checkbox"/>
20		56,55	<input type="checkbox"/>	91,65	<input type="checkbox"/>
25		69,90	<input type="checkbox"/>	113,25	<input type="checkbox"/>
30		85,35	<input type="checkbox"/>	—	<input type="checkbox"/>
35		98,70	<input type="checkbox"/>	—	<input type="checkbox"/>
40	+0,5 +2,5	112,20	<input type="checkbox"/>	—	<input type="checkbox"/>
45		125,55	<input type="checkbox"/>	—	<input type="checkbox"/>
50		138,90	<input type="checkbox"/>	—	<input type="checkbox"/>
55		153,90	<input type="checkbox"/>	—	<input type="checkbox"/>
60	+0,5 +3,5	167,25	<input type="checkbox"/>	—	<input type="checkbox"/>
65		180,75	<input type="checkbox"/>	—	<input type="checkbox"/>
70		194,10	<input type="checkbox"/>	—	<input type="checkbox"/>
80		223,35	<input type="checkbox"/>	—	<input type="checkbox"/>
90	+0,5 +5,0	250,05	<input type="checkbox"/>	—	<input type="checkbox"/>
100		276,90	<input type="checkbox"/>	—	<input type="checkbox"/>
Other standard sizes: Thickness ≤ 25 mm = 615/1000 x 1000 mm ^[1] ^[3] Thickness > 25 mm = 615 x 1000 mm ^[1] ^[3]					

^[1]: tolerances on width +5/+25 mm, on length -0/+3%

^[2]: average production weights

^[3]: non-standard size for thicknesses over 25 mm [manufactured to order and subject to special conditions]

: **standard** item [generally available from stock; bulk quantities to be manufactured to order]

: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

: **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ketron® LSG PEEK



Polyetheretherketone [PEEK]

Ketron® LSG GF30 PEEK

Ketron® LSG CA30 PEEK

PLATES

Thicknesses [mm]	Tolerances on the thicknesses	Ketron® LSG GF30 PEEK				Ketron® LSG CA30 PEEK			
		Standard sizes per piece:				[525 x 3000 mm ^[1]] [kg/pce ^[2]]		[625 x 3000 mm ^[1]] [kg/pce ^[2]]	
5	+0,2 +0,7	13,77	□	—	—	12,96	□	—	—
6		16,23	□	—	—	15,27	□	—	—
8	+0,2 +0,9	21,51	□	—	—	20,22	□	—	—
10		26,43	□	—	—	24,84	□	—	—
12		—	—	38,40	□	—	—	36,15	□
15		—	—	47,10	□	—	—	44,25	□
16	+0,3 +1,5	—	—	50,10	□	—	—	47,10	□
18		—	—	55,80	□	—	—	52,50	□
20		—	—	61,65	□	—	—	58,05	□
25		—	—	76,20	□	—	—	71,70	□
30		—	—	93,15	□	—	—	87,45	□
35		—	—	107,70	□	—	—	101,25	□
40	+0,5 +2,5	—	—	122,25	□	—	—	114,90	□
45		—	—	136,80	□	—	—	128,55	□
50		—	—	151,35	□	—	—	142,35	□
55	+0,5 +3,5	—	—	167,85	□	—	—	157,80	□
60		—	—	182,40	□	—	—	171,45	□

Other standard sizes: [525/625 x 1000 mm^[1]^[3]]^[1]: tolerances on width +5/+25 mm, on length -0/+3%^[2]: average production weights^[3]: non-standard size for thicknesses over 25 mm [manufactured to order and subject to special conditions]

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

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Quadrant® LSG PPSU



Polyphenylene Sulfone [PPSU]

Quadrant® LSG PPSU

colour offering: Quadrant® LSG PPSU black/white/blue/green/grey/yellow/red/rust/brown/orange

ROUND RODS									
Thicknesses	Tolerances on the diameters	Quadrant® R5100 LSG PPSU black		Quadrant® R5100 LSG PPSU white		Quadrant® R5500 LSG PPSU blue, green, grey, yellow		Quadrant® R5500 LSG PPSU red	
		[mm]	[mm]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]
6	+0,1 +0,2			0,11	□	0,11	□	0,11	□
8				0,20	□	0,20	□	0,20	□
10				0,32	□	0,32	□	0,32	□
12				0,46	■	0,46	□	0,46	□
15				0,71	□	0,71	□	0,71	□
16				0,81	■	0,81	□	0,81	□
18				1,02	□	1,02	□	1,02	□
20				1,26	■	1,26	□	1,26	□
22				1,52	□	1,52	□	1,52	□
25				1,97	☒	1,97	□	1,97	□
28				2,46	□	2,46	□	2,46	□
30				2,82	□	2,82	□	2,82	□
32				3,21	■	3,21	□	3,21	□
36				4,05	□	4,05	□	4,05	□
40				4,98	■	4,98	□	4,98	□
45				6,33	□	6,33	□	6,33	□
50				7,80	■	7,80	□	7,80	□
56	+0,4 +0,6			9,78	□	9,78	□	9,78	□
60				11,22	□	11,22	□	11,22	□
65				13,17	□	13,17	□	13,17	□
70				15,24	□	15,24	□	15,24	□
80				20,91	□	20,91	□	20,91	□
90				26,49	□	26,49	□	26,49	□
100				32,70	□	32,70	□	32,70	□
110				39,60	□	39,60	□	39,60	□
120				47,25	□	47,25	□	47,25	□
125				51,15	□	51,15	□	51,15	□
130	+0,9 +5,4			55,65	□	55,65	□	55,65	□
140				64,20	□	64,20	□	64,20	□
150				73,80	□	73,80	□	73,80	□
160				—	—	—	—	—	—
170				—	—	—	—	—	—
180				—	—	—	—	—	—
190				—	—	—	—	—	—
200				—	—	—	—	—	—

Other standard length: [1000 mm^[1]]

^[1]: tolerances on length -0/+3%

^[2]: average production weights

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

Quadrant® LSG PPSU



Polyphenylene Sulfone [PPSU]

Quadrant® LSG PPSU

colour offering: Quadrant® LSG PPSU blue/green/grey/yellow/red/rust/brown/orange

ROUND RODS										
Diameters	Tolerances on the diameters	Quadrant® R5500 LSG PPSU blue, grey	Quadrant® R5500 LSG PPSU green, yellow	Quadrant® R5500 LSG PPSU orange, rust	Quadrant® R5500 LSG PPSU red	Quadrant® R5500 LSG PPSU brown				
[mm]	[mm]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]				
25,40	-0,00 +0,05	1,74	■ ^{*1}	1,74	■ ^{*1}	1,74	□	1,74	□	1,74
31,75		2,68	□	2,68	□	2,68	□	2,68	□	2,68
38,10	-0,00 +0,12	3,88	■	3,88	■ ^{*2}	3,88	■	3,88	□	3,88
50,80		6,88	■	6,88	■ ^{*2}	6,88	□	6,88	□	6,88
57,20		8,66	□	8,66	□	8,66	□	8,66	□	8,66
63,50	-0,00 +0,75	10,74	□	10,74	■ ^{*2}	10,74	□	10,74	□	10,74
69,90		12,91	□	12,91	□	12,91	□	12,91	□	12,91
76,20 (unground)		15,47	■	15,47	■	15,47	■ ^{*3}	15,47	□	15,47
88,90 (unground)	+0,40 +3,00	21,72	□	21,72	□	21,72	□	21,72	□	21,72
Other standard length: [1220 mm ^[1]]										

^[1]: tolerances on length -0/+3 %

^[2]: average production weights

*¹: standard item in blue and green colour only

*²: standard item in yellow colour only

*³: standard item in rust colour only

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]

□ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Duratron® LSG PEI



Polyetherimide [PEI]

Duratron® LSG PEI natural

ROUND RODS						
Diameters ^[1]		Tolerances on the diameters [mm]	Standard lengths [mm ^[2]]	Duratron® LSG PEI natural		
[mm]	[inches]			[kg/pce ^[3]]		
6,35	1/4		2440	0,10		<input type="checkbox"/>
9,53	3/8		2440	0,23		<input type="checkbox"/>
12,70	1/2		2440	0,40		<input type="checkbox"/>
15,88	5/8	-0,0 +0,10	2440	0,63		<input type="checkbox"/>
19,05	3/4		2440	0,91		<input type="checkbox"/>
25,40	1		2440	1,61		<input type="checkbox"/>
31,75	1 1/4		2440	2,52		<input type="checkbox"/>
38,10	1 1/2	-0,0 +0,15	2440	3,62		<input type="checkbox"/>
50,80	2		2440	6,42		<input type="checkbox"/>
63,50	2 1/2	-0,0 +0,40	2440	10,10		<input type="checkbox"/>
76,20	3		1220	8,52		<input type="checkbox"/>
101,60	4		1220	14,57		<input type="checkbox"/>
127,00	5	-0,0 +6,50	1220	22,23		<input type="checkbox"/>
152,40	6		1220	31,50		<input type="checkbox"/>

^[1]: for non-listed intermediate diameters, please consult us

^[2]: all lengths shown are minimum values

^[3]: theoretical weights, based on nominal dimensions and average density

: **standard** item [generally available from stock; bulk quantities to be manufactured to order]

: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

: **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

Quadrant® LSG PSU/LSG PC



Polysulfone [PSU]/Polycarbonate [PC]

Quadrant® LSG PSU natural
Quadrant® LSG PC natural

ROUND RODS						
Diameters [mm]	Tolerances on the diameters [mm]	Quadrant® LSG PSU natural		Quadrant® LSG PC natural		
		Standard length per piece: [3000 mm ^[1]] [kg/pce ^[2]]		[kg/pce ^[2]]		
5		0,08	□	—	—	—
6	+0,1 +0,2	0,11	□	0,11	□	□
8		0,20	□	0,19	□	□
10		0,30	□	0,29	□	□
12		0,44	□	0,43	□	□
15		0,68	□	—	—	—
16		0,77	□	0,75	□	□
18	+0,3 +0,4	0,98	□	0,95	□	□
20		1,21	□	1,17	□	□
22		1,46	□	1,41	□	□
25		1,88	□	1,82	□	□
28		2,36	□	2,28	□	□
30		2,70	□	2,61	□	□
32	+0,3 +0,5	3,06	□	2,97	□	□
36		3,87	□	3,75	□	□
40		4,77	□	4,65	□	□
45		6,06	□	5,88	□	□
50		7,47	□	7,26	□	□
56	+0,4 +0,6	9,36	□	9,09	□	□
60		10,74	□	10,44	□	□
65		12,60	□	12,24	□	□
70		14,61	□	14,19	□	□
75	+0,4 +3,0	17,64	□	16,89	□	□
80		20,01	□	19,17	□	□
90	+0,5 +3,4	25,35	□	24,27	□	□
100	+0,6 +3,8	31,35	□	29,97	□	□
110	+0,7 +4,2	37,95	□	36,30	□	□
120	+0,8 +4,6	45,15	□	43,20	□	□
125		48,90	□	46,80	□	□
130	+0,9 +5,4	53,25	□	50,85	□	□
140		61,50	□	58,80	□	□
150	+1,0 +5,8	70,65	□	67,50	□	□
160	+1,1 +6,3	—	—	76,95	□	□
170	+1,2 +7,4	—	—	87,15	□	□
180		—	—	97,50	□	□
190	+1,3 +8,5	—	—	109,05	□	□
200		—	—	120,45	□	□

Other standard length: [1000 mm^{[1][3]}]^[1]: tolerance on the length -0/+3 %^[2]: average production weights^[3]: non-standard length for diameters over 60 mm [manufactured to order and subject to special conditions]

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Quadrant® LSG PPSU



Polyphenylene Sulfone [PPSU]

Quadrant® LSG PPSU

colour offering: Quadrant® LSG PPSU blue/green/grey/yellow/red/rust/brown/orange

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Quadrant® LSG PPSU black		Quadrant® LSG PPSU white		Quadrant® LSG PPSU colored	
		Standard size per piece: [625 x 3000 mm ^[1]]					
10	+0,2 +0,9 +0,3 +1,5 +0,5 +2,5	26,85	<input type="checkbox"/>	26,85	<input type="checkbox"/>	26,85	<input type="checkbox"/>
12		33,00	<input type="checkbox"/>	33,00	<input type="checkbox"/>	33,00	<input type="checkbox"/>
15		40,50	<input type="checkbox"/>	40,50	<input type="checkbox"/>	40,50	<input type="checkbox"/>
16		43,05	<input type="checkbox"/>	43,05	<input type="checkbox"/>	43,05	<input type="checkbox"/>
18		48,00	<input type="checkbox"/>	48,00	<input type="checkbox"/>	48,00	<input type="checkbox"/>
20		53,10	<input checked="" type="checkbox"/>	53,10	<input type="checkbox"/>	53,10	<input type="checkbox"/>
25		65,55	<input type="checkbox"/>	65,55	<input type="checkbox"/>	65,55	<input type="checkbox"/>
30		80,10	<input checked="" type="checkbox"/>	80,10	<input type="checkbox"/>	80,10	<input type="checkbox"/>
35		92,55	<input type="checkbox"/>	92,55	<input type="checkbox"/>	92,55	<input type="checkbox"/>
40		105,15	<input type="checkbox"/>	105,15	<input type="checkbox"/>	105,15	<input type="checkbox"/>
45		117,60	<input type="checkbox"/>	117,60	<input type="checkbox"/>	117,60	<input type="checkbox"/>
50		130,20	<input type="checkbox"/>	130,20	<input type="checkbox"/>	130,20	<input type="checkbox"/>
Other standard size: [625 x 1000 mm ^{[1][3]}]							

^[1]: tolerances on width +5/25 mm, on length -0/+3 %

^[2]: average production weights

^[3]: non-standard length for thicknesses over 25 mm [manufactured to order and subject to special condition]

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]

☒ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Duratron® LSG PEI



Polyetherimide [PEI]

Duratron® LSG PEI natural

PLATES				
Thicknesses		Tolerances on the thicknesses [mm]	Duratron® LSG PEI natural	
[mm]	[inches]		Standard size per piece: [610 x 1220 mm ^[1]] [kg/pce ^[2]]	
6,35	1/4	-0,0 +0,65	6,92	<input type="checkbox"/>
9,53	3/8		10,06	<input type="checkbox"/>
12,70	1/2		13,21	<input type="checkbox"/>
19,05	3/4		19,50	<input type="checkbox"/>
25,40	1		25,79	<input type="checkbox"/>
38,10	1 1/2		38,37	<input type="checkbox"/>
44,45	1 3/4		42,30	<input type="checkbox"/>
50,80	2		50,95	<input type="checkbox"/>
Other standard size: [605 x 610 mm ^[1]]				

^[1]: tolerances on width and length:

605 [-0/+15] x 610 [-0/+15] mm

610 [-0/+15] x 1220 [+5/+25] mm

^[2]: theoretical weights, based on nominal dimensions and average density

: **standard** item [generally available from stock; bulk quantities to be manufactured to order]

: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

: **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

Quadrant® LSG PSU/LSG PC



Polysulfone [PSU]/Polycarbonate [PC] – PSU

Quadrant® LSG PSU natural
Quadrant® LSG PC natural

PLATES						
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Quadrant® LSG PSU natural		Quadrant® LSG PC natural		
		Standard size per piece: [625 x 3000 mm ^[1]] [kg/pce ^[2]]		[kg/pce ^[2]]		
10	+0,2 +0,9	25,71	<input type="checkbox"/>	–	–	–
12		31,65	<input type="checkbox"/>	–	–	–
15		38,85	<input type="checkbox"/>	37,65	<input type="checkbox"/>	–
16	+0,3 +1,5	41,25	<input type="checkbox"/>	39,90	<input type="checkbox"/>	–
18		46,05	<input type="checkbox"/>	44,55	<input type="checkbox"/>	–
20		50,85	<input type="checkbox"/>	49,20	<input type="checkbox"/>	–
25		62,85	<input type="checkbox"/>	60,75	<input type="checkbox"/>	–
30		76,65	<input checked="" type="checkbox"/>	74,25	<input type="checkbox"/>	–
35		88,65	<input type="checkbox"/>	85,80	<input type="checkbox"/>	–
40	+0,5 +2,5	100,65	<input type="checkbox"/>	97,50	<input type="checkbox"/>	–
45		112,65	<input type="checkbox"/>	109,05	<input type="checkbox"/>	–
50		124,65	<input type="checkbox"/>	120,75	<input type="checkbox"/>	–

Other standard size: [625 x 1000 mm^{[1][3]}]

^[1]: tolerances on width +5/25 mm, on length -0/+3 %

^[2]: average production weights

^[3]: non-standard size for thicknesses over 25 mm [manufactured to order and subject to special conditions]

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

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improved availability possible upon customer planning]

Acetron® LSG



Polyacetal [POM-C]

Acetron® LSG natural/black

ROUND RODS						
Diameters [mm]	Tolerances on the diameters [mm]	Acetron® LSG natural		Acetron® LSG black		
		Standard length per piece: [3000 mm ^[1]] [kg/pce ^[2]]		[kg/pce ^[2]]		
6	+0,1 +0,4	0,14	□	0,14	□	□
8	+0,1 +0,5	0,24	□	0,24	□	□
10	+0,1 +0,5	0,36	■	0,36	■	■
12		0,53	□	0,53	□	□
14		0,71	□	0,71	□	□
15	+0,2 +0,7	0,81	□	0,81	□	□
16	+0,2 +0,7	0,92	□	0,92	□	□
18		1,16	□	1,16	□	□
20		1,42	■	1,42	■	■
22		1,73	□	1,73	□	□
25	+0,2 +0,9	2,22	■	2,22	■	■
28	+0,2 +0,9	2,78	□	2,78	□	□
30		3,18	□	3,18	□	□
32		3,63	□	3,63	□	□
36	+0,2 +1,1	4,56	□	4,56	□	□
40	+0,2 +1,1	5,61	■	5,61	■	■
45		7,11	□	7,11	□	□
50	+0,3 +1,3	8,76	■	8,76	■	■
56		10,95	□	10,95	□	□
60		12,60	□	12,60	□	□
65	+0,3 +1,6	14,76	□	14,76	□	□
70		17,07	□	17,07	□	□
75	+0,4 +2,0	19,71	□	19,71	□	□
80		22,38	□	22,38	□	□
90	+0,5 +2,2	28,29	□	28,29	□	□
100	+0,6 +2,5	34,95	□	34,95	□	□
110	+0,7 +3,0	42,45	□	42,45	□	□
120	+0,8 +3,5	50,70	□	50,70	□	□
130	+0,9 +3,8	59,40	□	59,40	□	□
140		68,70	□	68,70	□	□
150	+1,0 +4,2	79,05	□	79,05	□	□
160	+1,1 +4,5	90,00	□	90,00	□	□
170	+1,2 +5,0	101,70	□	101,70	□	□
180		113,70	□	113,70	□	□
190	+1,3 +5,5	126,90	□	126,90	□	□
200		140,40	□	140,40	□	□

Other standard length: [1000 mm^{[1][3]}]^[1]: tolerances on width +5/25 mm, on length -0/+3 %^[2]: average production weights^[3]: non-standard size for thicknesses over 25 mm [manufactured to order and subject to special conditions]

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Acetron® LSG



Polyacetal [POM-C]

Acetron® LSG natural/black

PLATES									
Thicknesses [mm]	Tolerances on the thickness [mm]	Acetron® LSG natural				Acetron® LSG black			
		Standard sizes per piece:							
		[1000 x 3000 mm ^[1]] [kg/pce ^[2]]	[610 x 3000 mm ^[1]] [kg/pce ^[2]]	[1000 x 3000 mm ^[1]] [kg/pce ^[2]]	[610 x 3000 mm ^[1]] [kg/pce ^[2]]				
8	+0,2 +0,9	37,20	□	22,95	—	37,20	□	22,95	—
10		46,05	□	28,32	—	46,05	□	28,32	—
12		56,25	□	34,65	—	56,25	□	34,65	—
15		—	—	42,60	□	—	—	42,60	—
16		73,65	□	45,30	□	73,65	□	45,30	□
18		—	—	50,70	□	—	—	50,70	□
20		91,05	□	56,10	□	91,05	□	56,10	□
25		112,80	□	69,45	□	112,80	□	69,45	□
30		137,25	□	84,60	□	137,25	□	84,60	□
35		—	—	97,95	□	—	—	97,95	□
40	+0,5 +2,5	180,90	□	111,30	□	180,90	□	111,30	□
45		—	—	124,80	□	—	—	124,80	□
50		224,40	□	138,15	□	224,40	□	138,15	□
60		—	—	166,35	□	—	—	166,35	□
70		—	—	193,20	□	—	—	193,20	□
80	+0,5 +3,5	—	—	222,00	□	—	—	222,00	□
90		—	—	248,85	□	—	—	248,85	□
100		—	—	275,70	□	—	—	275,70	□

Other standard sizes: [610/1000 x 1000 mm/1000 x 2000 mm^{[1][3]}]^[1]: tolerances on width +5/25 mm, on length -0/+3 %^[2]: average production weights^[3]: non-standard size for thicknesses over 25 mm [manufactured to order and subject to special conditions]

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Proteus® LSG HS PP



Polypropylene [PP]

Proteus® LSG HS PP

PLATES						
Thicknesses ^[1]		Proteus® LSG HS PP white		Proteus® LSG HS PP black		
[mm]	[inches]	Standard size per piece: [610 x 1220 mm ^[1]]		[kg/pce ^[2]]		
12,70	1/2	8,51	<input type="checkbox"/>	8,51	<input type="checkbox"/>	
25,40	1	17,03	<input checked="" type="checkbox"/>	17,03	<input checked="" type="checkbox"/>	
31,75	1 1/4	21,29	<input type="checkbox"/>	21,29	<input type="checkbox"/>	
38,10	1 1/2	25,55	<input checked="" type="checkbox"/>	25,55	<input checked="" type="checkbox"/>	
44,45	1 3/4	29,80	<input type="checkbox"/>	29,80	<input type="checkbox"/>	
50,80	2	34,07	<input checked="" type="checkbox"/>	34,07	<input checked="" type="checkbox"/>	
63,50	2 1/2	42,57	<input type="checkbox"/>	42,57	<input type="checkbox"/>	

^[1]: all dimensions shown are minimum values^[2]: theoretical weights, based on nominal dimensions and average density

Other thicknesses / dimensions available on request

 : **standard** item [generally available from stock; bulk quantities to be manufactured to order] : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece] : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

General Engineering Plastics for medium temperature range up to 140 °C

Ertalon® | Nylatron® | Ertacetal® | Ertalyte® | Semitron®



Ertalon®

Ertalon 6 SA [PA 6; colours natural [white], black or blue]

This material offers an optimal combination of mechanical strength, stiffness, toughness, mechanical damping properties and wear resistance. These properties, together with a good electrical insulating ability and a good chemical resistance make Ertalon 6 SA a «general purpose» grade for mechanical construction and maintenance.

Ertalon 66 SA [PA 66; colours natural [cream] or black]

Material with a higher mechanical strength, stiffness, heat and wear resistance than Ertalon 6 SA. It also has a better creep resistance but its impact strength and mechanical damping ability is reduced. Well suited for machining on automatic lathes.

Ertalon 4.6 [PA 4.6; colour reddish-brown]

Compared with conventional nylons, Ertalon 4.6 features a better retention of stiffness and creep resistance over a wide range of temperatures as well as superior heat ageing resistance. Therefore, applications for Ertalon 4.6 are situated in the «higher temperature area» [80–150 °C] where stiffness, creep resistance, heat ageing resistance, fatigue strength and wear resistance of PA 6, PA 66, POM and PET fall short.

Ertalon 66-GF30 [PA 66-GF30; colour grey-black]

Compared with virgin PA 66, this 30 % glass fibre reinforced and heat stabilised nylon grade offers increased strength, stiffness, creep resistance and dimensional stability whilst retaining an excellent wear resistance. It also allows higher maximum service temperatures.

Ertalon 6 PLA [PA 6; colour natural [ivory], black or blue]

Unmodified cast nylon 6 grade exhibiting characteristics which come very close to those of Ertalon 66 SA. It combines high strength, stiffness and hardness with good creep and wear resistance, heat ageing properties and machinability.

Ertalon 6 XAU+ [PA 6; colour black]

Ertalon 6 XAU+ is a heat stabilised cast nylon grade with a very dense and highly crystalline structure. Compared with conventional extruded or cast nylons, Ertalon 6 XAU+ offers superior heat ageing performance in air [much better resistance to thermal-oxidative degradation], allowing 15–30 °C higher continuously allowable service temperatures. Ertalon 6 XAU+ is particularly recommended for bearings and other mechanical parts subject to wear which are operating in air for long periods of time at temperatures over 60 °C.

Ertalon LFX [PA 6 + oil; colour green]

This internally lubricated cast nylon 6 is self-lubricating in the real meaning of the word. Ertalon LFX, especially developed for unlubricated, highly loaded and slow moving parts applications, yields a considerable enlargement of the application opportunities compared to standard cast nylons. It offers a reduced coefficient of friction [up to 50 % lower], considerably increasing the pressure-velocity capabilities, and a vastly improved wear resistance [up to 10 times better].

General Engineering Plastics for medium temperature range up to 140 °C

Ertalon® | Nylatron® | Ertacetal® | Ertalyte® | Semitron®

Nylatron®

Nylatron GS [PA 66 + MoS₂; colour grey-black]

The addition of MoS₂ renders this material somewhat stiffer, harder and dimensionally more stable than Ertalon 66 SA, but results in some loss of impact strength. The nucleating effect of the molybdenum disulphide results in an improved crystalline structure enhancing bearing and wear properties.

Nylatron MC 901 [PA 6; colour blue]

This modified cast nylon 6 grade with its distinctive blue colour exhibits higher toughness, flexibility and fatigue resistance than Ertalon 6 PLA. It has proved to be an excellent material for gear wheels, racks and pinions.

Nylatron GSM [PA 6 + MoS₂; colour grey-black]

Nylatron GSM contains finely divided particles of molybdenum disulphide to enhance its bearing and wear behaviour without impairing the impact and fatigue resistance inherent to unmodified cast nylon grades. It is a very commonly used grade for gears, bearings, sprockets and sheaves.

Nylatron NSM [PA 6 + solid lubricants; colour grey]

Nylatron NSM is a proprietary cast nylon 6 formulation containing solid lubricant additives which grant this material self-lubricity, excellent frictional behaviour, superior wear resistance and outstanding pressure-velocity capabilities [up to 5 times higher than conventional cast nylons]. Being particularly suited for higher velocity, unlubricated moving parts applications, it is the perfect complement to the oil-filled grade Ertalon LFX.

Nylatron LFG [PA 6 + oil; colours natural [ivory] or blue]

Nylatron LFG [Lubricated Food Grade] is self-lubricating in the real meaning of the word and has a FDA food contact compliant composition. The Nylatron LFG has been specially developed for non-lubricated, highly loaded and slowly moving parts in food contact applications. Compared to standard cast nylons, it offers lower maintenance costs and longer service life.

Nylatron 703 XL [PA 6 + internal lubricants; colour purple]

This high performance cast nylon 6 bearing grade provides an even better wear resistance than Nylatron NSM, combined with superior pressure-velocity capabilities and an industry first: a near zero level of «stick-slip». The elimination of stick-slip, mostly associated with chatter or squeaking, provides an extraordinary amount of motion control for high-precision applications.

Nylatron MD [PA 6; colour dark blue]

This nylon 6 grade contains a metal detectable additive and has been specifically tailored for use in the food processing and packaging industries where it can easily be traced by the conventional metal detection systems installed to detect contamination of the foodstuffs (results may vary depending on the sensitivity of the metal detection system used). Nylatron MD is a material with higher wear and fatigue resistance and shows lower moisture absorption than standard PA 6. It is applied in temperature environments of up to 80 °C and also features a food contact compliant composition.

General Engineering Plastics for medium temperature range up to 140 °C

Ertalon® | Nylatron® | Ertacetal® | Ertalyte® | Semitron®

Ertacetal®/Acetron®

Ertacetal C [POM-C; colours natural [white], black, other colours]

Ertacetal C is Quadrant's copolymer acetal grade. Next to the standard natural grade, there is also a series of special colours available all showing an FDA food contact compliant composition. The acetal copolymer is more resistant against hydrolysis, strong alkalis and thermal-oxidative degradation than the acetal homopolymer.

Ertacetal H [POM-H; colours natural [white] or black]

Ertacetal H is Quadrant's homopolymer acetal grade. It offers a higher mechanical strength, stiffness, hardness and creep resistance as well as a lower thermal expansion rate and often also a better wear resistance than the acetal copolymer.

Ertacetal H-TF [POM-H + PTFE; colour deep brown]

Ertacetal H-TF is a DELRIN® AF blend, a combination of PTFE fibres evenly dispersed in a DELRIN® acetal resin. Much of the strength that is inherent in Ertacetal H is retained. Some properties change due to the addition of PTFE fibre which is softer, less stiff and more slippery than virgin acetal resin. Compared with Ertacetal C and H, this material offers superior sliding properties. Bearings made of Ertacetal H-TF show low friction, long wear and are essentially free of stick-slip behaviour.

Acetron MD [POM; colour blue]

This copolymer acetal grade, containing a metal detectable additive, has been specifically tailored for use in the food processing and packaging industries where it can easily be traced by the conventional metal detection systems installed to detect contamination of the foodstuffs (results may vary depending on the sensitivity of the metal detection system used). Acetron MD presents good mechanical strength, stiffness and impact strength, and it also features a food contact compliant composition.

Semitron®

Semitron ESd 225 [static dissipative POM; colour beige]

Semitron ESd 225 is an acetal based static dissipative material ideal for material handling applications. It is also an excellent choice for fixturing used in the manufacturing of hard disk drives or for handling in-process silicon wafers.

Ertalyte®

Ertalyte [PET; colours natural [white] or black]

The specific properties of this virgin crystalline PET make it especially suitable for the manufacture of mechanical precision parts which have to sustain high loads and/or are subject to wear.

Ertalyte TX [PET + solid lubricant; colour pale-grey]

Ertalyte TX is a polyethylene terephthalate compound incorporating a uniformly dispersed solid lubricant. Its specific formulation makes it a premium internally lubricated bearing-grade. Ertalyte TX not only offers outstanding wear resistance, but in comparison to Ertalyte an even lower coefficient of friction as well as higher pressure-velocity capabilities.

Quadrant® 1000 PC

Quadrant 1000 PC

Quadrant Engineering Plastic Products is marketing non-UV-stabilised polycarbonate stock shapes under the trade name Quadrant 1000 PC. It is a natural, «non-optical» industrial quality (clear, translucent).

Ertalon®



Polyamide[PA 6]

Ertalon® 6 SA natural/black

ROUND RODS					
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertalon® 6 SA natural		Ertalon® 6 SA black	
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]	
5	+0,1 +0,4	0,08	□	0,08	□
6		0,11	■	0,11	□
8	+0,1 +0,5	0,19	■	0,19	□
10		0,29	■	0,29	□
12		0,42	■	0,42	□
14		0,57	□	0,57	□
15	+0,2 +0,7	0,65	■	0,65	□
16		0,74	■	0,74	■
18		0,93	□	0,93	□
20		1,14	■	1,14	■
22		1,39	■	1,39	□
25	+0,2 +0,9	1,79	■	1,79	■
28		2,22	■	2,22	□
30		2,55	■	2,55	■
32		2,91	■	2,91	□
36	+0,2 +1,1	3,66	■	3,66	■
40		4,50	■	4,50	■
45		5,73	■	5,73	■
50	+0,3 +1,3	7,05	■	7,05	■
56		8,79	■	8,79	■
60		10,14	■	10,14	■
65	+0,3 +1,6	11,85	■	11,85	□
70		13,71	■	13,71	■
75	+0,4 +2,0	15,84	■	15,84	□
80		17,97	■	17,97	■
85	+0,5 +2,2	20,34	□	20,34	□
90		22,74	■	22,74	■
95	+0,6 +2,5	25,41	□	25,41	□
100		28,11	■	28,11	■
105	+0,7 +3,0	31,20	□	31,20	□
110		34,05	■	34,05	□
115		37,35	□	37,35	□
120	+0,8 +3,5	40,65	■	40,65	■
125		44,10	□	44,10	□
130	+0,9 +3,8	47,70	■	47,70	□
140		55,20	■	55,20	□
150	+1,0 +4,2	63,45	■	63,45	■
160	+1,1 +4,5	72,30	■	72,30	□
170	+1,2 +5,0	81,75	□	81,75	□
180		91,35	■	91,35	□
190	+1,3 +5,5	102,00	□	102,00	□
200		112,80	■	112,80	■
220	+1,3 +5,8	136,20	■	136,20	□
250	+1,5 +6,2	175,65	■	175,65	□
280	+1,6 +6,5	219,90	■	219,90	□
300	+1,7 +7,0	252,60	■	252,60	□
320	+1,8 +7,4	287,25	□	287,25	□

Other standard length: [1000 mm^[2]]^[1]: tolerances according to DIN EN 15860^[2]: tolerances on the length -0/+3 %^[3]: average production weight■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]■ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide[PA 66]

Ertalon® 66 SA natural/black

ROUND RODS					
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertalon® 66 SA natural		Ertalon® 66 SA black	
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]	
5	+0,1 +0,4	0,08	□	0,08	□
6		0,11	■	0,11	□
8	+0,1 +0,5	0,19	■	0,19	□
10		0,29	■	0,29	□
12		0,42	■	0,42	□
14		0,57	□	0,57	□
15	+0,2 +0,7	0,65	■	0,65	□
16		0,74	■	0,74	□
18		0,93	■	0,93	□
20		1,14	■	1,14	■
22		1,39	□	1,39	□
25	+0,2 +0,9	1,79	■	1,79	■
28		2,22	■	2,22	□
30		2,55	■	2,55	■
32		2,91	■	2,91	□
36	+0,2 +1,1	3,66	■	3,66	■
40		4,50	■	4,50	□
45		5,73	■	5,73	□
50	+0,3 +1,3	7,05	■	7,05	■
56		8,79	■	8,79	□
60		10,14	■	10,14	■
65	+0,3 +1,6	11,85	■	11,85	□
70		13,71	■	13,71	□
75	+0,4 +2,0	15,84	■	15,84	□
80		17,97	■	17,97	□
85	+0,5 +2,2	20,34	■	20,34	□
90		22,74	■	22,74	□
95		25,41	□	25,41	□
100	+0,6 +2,5	28,11	■	28,11	□
110	+0,7 +3,0	34,05	■	—	—
120	+0,8 +3,5	40,65	■	—	—
125		44,10	□	—	—
130	+0,9 +3,8	47,70	■	—	—
140		55,20	□	—	—
150	+1,0 +4,2	63,45	■	—	—
160 ^[4]	+1,1 +4,5	72,30	□	—	—
170 ^[4]	+1,2 +5,0	81,75	□	—	—
180 ^[4]		91,35	■	—	—
190 ^[4]	+1,3 +5,5	102,00	□	—	—
200 ^[4]		112,80	□	—	—
220 ^[4]	+1,3 +5,8	136,20	□	—	—
250 ^[4]	+1,5 +6,2	175,65	□	—	—

Other standard length: [1000 mm^[2]]^[1]: tolerances according to DIN EN 15860^[2]: tolerances on the length -0/+3 %^[3]: average production weight^[4]: these rods are made of Ertalon 66 SA-C, a modified polyamide 66

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide [PA 4.6] [66-GF30]

Ertalon® 4.6

Ertalon® 66-GF30

ROUND RODS						
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertalon® 4.6		Ertalon® 66-GF 30		
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]		
10	+0,1 +0,5	–	–	0,33	■	
12		–	–	0,49	□	
15		–	–	0,75	■	
16	+ 0,2 + 0,7	0,77	■	0,85	□	
18		0,97	□	1,07	□	
20		1,19	■	1,31	■	
22		1,44	□	1,59	□	
25	+ 0,2 + 0,9	1,85	■	2,04	■	
28		2,31	□	2,55	□	
30		2,64	■	2,91	■	
32		3,03	□	3,33	□	
36	+ 0,2 + 1,1	3,81	□	4,20	■	
40		4,71	■	5,16	■	
45		5,97	□	6,54	■	
50	+ 0,3 + 1,3	7,35	■	8,04	■	
60	+ 0,3 + 1,6	10,56	■	11,58	■	
70		–	–	15,66	■	
80	+ 0,4 + 2,0	–	–	20,52	■	
90	+ 0,5 + 2,2	–	–	25,98	□	
100	+ 0,6 + 2,5	–	–	32,10	■	
110	+ 0,7 + 3,0	–	–	39,00	□	
120	+ 0,8 + 3,5	–	–	46,50	■	
125		–	–	50,40	□	
130	+ 0,9 + 3,8	–	–	54,60	□	
140		–	–	63,15	□	
150	+ 1,0 + 4,2	–	–	72,60	■	
180	+ 1,2 + 5,0	–	–	104,55	■	
200	+ 1,3 + 5,5	–	–	128,85	■	
Other standard length: [1000 mm ^[2]]						

^[1]: tolerances according to DIN EN 15860^[2]: tolerances on the length -0 / +3 %^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide [PA 6]

Ertalon® 6 PLA natural/black

ROUND RODS						
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]		
50	+0,5 +1,5	7,18	■	7,19	■	
56		8,98	□	8,98	□	
60		10,33	■	10,33	■	
65	+0,5 +1,8	12,09	■	12,09	□	
70		13,98	■	13,98	■	
75	+0,7 +2,3	16,17	■	16,17	□	
80		18,35	■	18,35	■	
85	+1,0 +2,7	20,84	□	20,85	□	
90		23,30	■	23,30	■	
100	+1,0 +2,9	28,71	■	28,71	■	
110	+1,0 +3,3	34,74	■	34,74	■	
120	+1,1 +3,8	41,42	■	41,42	■	
125		44,87	□	44,87	□	
130		48,61	■	48,61	□	
135	+1,2 +4,1	52,80	□	52,80	□	
140		56,21	■	56,21	□	
150	+1,3 +4,5	64,58	■	64,58	□	
Other standard length: [1000 mm ^[2]]						
[mm]	[mm]	Standard length per piece: [1000 mm ^[2]] [kg/pce ^[3]]			[kg/pce ^[3]]	
					[kg/pce ^[3]]	
160		24,90	■	24,90	■	
170		28,05	■	28,05	□	
180	+2,0 +7,0	31,35	■	31,35	■	
190		34,85	□	34,85	□	
200		38,50	■	38,50	■	
210		42,95	□	42,95	□	
220		47,05	■	47,05	■	
225		49,15	□	49,15	□	
230		51,30	□	51,30	□	
240		55,70	□	55,70	□	
250	+3,0 +9,0	60,35	■	60,35	■	
260		65,15	□	65,15	□	
270		70,15	□	70,15	□	
275		72,70	□	72,70	□	
280		75,30	■	75,30	□	
290		80,65	□	80,65	□	
300		86,20	■	86,20	□	
325		101,80	■	101,80	□	
350	+4,0 +11,0	117,70	■	117,70	□	
375		134,70	□	134,70	□	
400		152,90	□	152,90	■	
425		173,40	□	173,40	□	
450		194,00	□	194,00	□	
475	+5,0 +13,0	215,70	□	215,70	□	
500		238,50	□	238,50	□	
Other standard length: [500 mm ^[2]]						

^[1]: tolerances according to DIN EN 15860^[2]: tolerances on the length -0/+3 %^[3]: average production weight■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]□ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide [PA 6]

Ertalon® 6 PLA blue

ROUND RODS			
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertalon® 6 PLA blue	
		Standard length per piece: [1000 mm ^[2]] [kg/pce ^[3]]	
150	+1,3 +4,5	21,52	<input type="checkbox"/>
160		24,90	<input type="checkbox"/>
170		28,05	<input type="checkbox"/>
180	+2,0 +7,0	31,35	<input type="checkbox"/>
190		34,85	<input type="checkbox"/>
200		38,50	<input type="checkbox"/>
210		42,95	<input type="checkbox"/>
220		47,05	<input type="checkbox"/>
225		49,15	<input type="checkbox"/>
230		51,30	<input type="checkbox"/>
240		55,70	<input type="checkbox"/>
250	+3,0 +9,0	60,35	<input type="checkbox"/>
260		65,15	<input type="checkbox"/>
270		70,15	<input type="checkbox"/>
275		72,70	<input type="checkbox"/>
280		75,30	<input type="checkbox"/>
290		80,65	<input type="checkbox"/>
300		86,20	<input type="checkbox"/>
325		101,80	<input type="checkbox"/>
350	+4,0 +11,0	117,70	<input type="checkbox"/>
375		134,70	<input type="checkbox"/>
400		152,90	<input type="checkbox"/>
425		173,40	<input type="checkbox"/>
450	+5,0 +13,0	194,00	<input type="checkbox"/>
475		215,70	<input type="checkbox"/>
500		238,50	<input type="checkbox"/>
Other standard length: [500 mm ^[2]]			

^[1]: tolerances according to DIN EN 15860^[2]: tolerances on the length -0/+3 %^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 XAU+
Ertalon® LFX

ROUND RODS						
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertalon® 6 XAU+		Ertalon® LFX		
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]		
50	+0,5 +1,5	7,19	■	7,09	■	
56		8,97	□	8,85	□	
60		10,33	■	10,19	■	
65	+0,5 +1,8	12,10	□	11,95	□	
70		13,98	■	13,80	■	
75	+0,7 +2,3	16,15	□	15,95	□	
80		18,35	■	18,11	■	
85	+1,0 +2,7	20,85	□	20,90	□	
90		23,30	■	23,00	■	
100	+1,0 +2,9	28,71	■	28,35	■	
110	+1,0 +3,3	34,74	□	34,29	□	
120	+1,1 +3,8	41,42	■	40,95	□	
125		44,85	□	44,25	□	
130		48,61	□	47,97	□	
135	+1,2 +4,1	52,34	□	51,66	□	
140		56,21	□	55,50	□	
150	+1,3 +4,5	64,58	■	63,74	■	
Other standard length: [1000 mm ^[2]]						
Standard length per piece: [1000 mm ^[2]]						
[mm]	[mm]	[kg/pce ^[3]]		[kg/pce ^[3]]		
160		24,90	□	24,60	■	
170		28,05	□	27,65	□	
180	+2,0 +7,0	31,35	□	30,95	□	
190		34,85	■	34,40	□	
200		38,50	□	38,00	■	
210		42,95	□	42,40	□	
220		47,05	□	46,40	□	
225		49,15	□	48,50	□	
230		51,30	□	50,60	□	
240		55,70	□	55,00	□	
250	+3,0 +9,0	60,35	□	59,55	□	
260		65,15	□	64,30	□	
270		70,15	□	69,25	□	
275		72,70	□	71,75	□	
280		75,30	□	74,35	□	
290		80,65	□	79,60	□	
300		86,20	□	85,10	□	
325		101,80	□	100,50	□	
350	+4,0 +11,0	117,70	□	116,10	□	
375		134,70	□	133,00	□	
400		152,90	□	150,90	□	
425		173,40	□	171,20	□	
450	+5,0 +13,0	194,00	□	191,50	□	
475		215,70	□	212,90	□	
500		238,50	□	235,40	□	
Other standard length: [500 mm ^[2]]						

^[1]: tolerances according to DIN EN 15860^[2]: tolerances on the length -0/+3 %^[3]: average production weight■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]■ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Nylatron®



Polyamide [PA6 + OIL]

Nylatron® LFG natural
Nylatron® LFG blue

ROUND RODS					
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Nylatron® LFG natural		Nylatron® LFG blue	
		Standard length per piece: [1000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]	
160		24,59	<input type="checkbox"/>	24,59	<input type="checkbox"/>
170		27,67	<input type="checkbox"/>	27,67	<input type="checkbox"/>
180	+2,0 +7,0	30,93	<input type="checkbox"/>	30,94	<input type="checkbox"/>
190		34,38	<input type="checkbox"/>	34,38	<input type="checkbox"/>
200		38,00	<input type="checkbox"/>	38,01	<input type="checkbox"/>
210		42,40	<input type="checkbox"/>	42,40	<input type="checkbox"/>
220		46,41	<input type="checkbox"/>	46,41	<input type="checkbox"/>
225		48,49	<input type="checkbox"/>	48,49	<input type="checkbox"/>
230		50,61	<input type="checkbox"/>	50,61	<input type="checkbox"/>
240		54,99	<input type="checkbox"/>	54,99	<input type="checkbox"/>
250	+3,0 +9,0	59,56	<input type="checkbox"/>	59,56	<input type="checkbox"/>
260		64,30	<input type="checkbox"/>	64,30	<input type="checkbox"/>
270		69,22	<input type="checkbox"/>	69,22	<input type="checkbox"/>
275		71,76	<input type="checkbox"/>	71,76	<input type="checkbox"/>
280		74,33	<input type="checkbox"/>	74,33	<input type="checkbox"/>
290		79,62	<input type="checkbox"/>	79,62	<input type="checkbox"/>
300		85,09	<input type="checkbox"/>	85,09	<input type="checkbox"/>
325		100,47	<input type="checkbox"/>	100,47	<input type="checkbox"/>
350	+4,0 +11,0	116,15	<input type="checkbox"/>	116,15	<input type="checkbox"/>
375		132,96	<input type="checkbox"/>	132,96	<input type="checkbox"/>
400		150,91	<input type="checkbox"/>	150,91	<input type="checkbox"/>
425		171,17	<input type="checkbox"/>	171,17	<input type="checkbox"/>
450	+5,0 +13,0	191,46	<input type="checkbox"/>	191,46	<input type="checkbox"/>
475		212,89	<input type="checkbox"/>	212,89	<input type="checkbox"/>
500		235,45	<input type="checkbox"/>	235,45	<input type="checkbox"/>

Other standard length: [500 mm^[12]]^[1]: tolerances according to DIN EN 15860^[2]: tolerances on the length -0 / +3 %^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Nylatron®

Polyamide [PA 6] [PA 6 + MOS₂]Nylatron® MC 901
Nylatron® GSM

ROUND RODS						
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Nylatron® MC 901		Nylatron® GSM		
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]		
50	+0,5 +1,5	7,19	■	7,21	■	
56		8,97	□	9,01	□	
60		10,33	■	10,37	■	
65	+0,5 +1,8	12,10	□	12,14	□	
70		14,00	□	14,04	□	
75	+0,7 +2,3	16,15	□	16,24	□	
80		18,35	□	18,43	■	
85	+1,0 +2,7	20,85	□	20,93	□	
90		23,30	□	23,40	□	
100	+1,0 +2,9	28,71	□	28,84	■	
110	+1,0 +3,3	34,80	□	34,89	□	
120	+1,1 +3,8	41,40	□	41,55	□	
125		44,85	□	45,00	□	
130		48,60	□	48,82	■	
135	+1,2 +4,1	52,34	□	52,57	□	
140		56,25	□	56,45	□	
150	+1,3 +4,5	64,65	□	64,86	□	
Other standard length: [1000 mm ^[2]]						
Standard length per piece: [1000 mm ^[2]]						
[mm]	[mm]	[kg/pce ^[3]]		[kg/pce ^[3]]		
160		24,90	□	25,00	■	
170		28,05	□	28,15	□	
180	+2,0 +7,0	31,35	■	31,50	□	
190		34,85	□	35,00	□	
200		38,50	□	38,65	■	
210		42,95	□	43,15	□	
220		47,05	□	47,25	□	
225		49,15	□	49,35	□	
230		51,30	□	51,50	□	
240		55,70	□	55,95	□	
250	+3,0 +9,0	60,35	□	60,60	□	
260		65,15	□	65,45	□	
270		70,15	□	70,45	□	
275		72,70	□	73,00	□	
280		75,30	□	75,65	□	
290		80,65	□	81,00	□	
300		86,20	□	86,60	□	
325		101,80	■	102,20	□	
350	+4,0 +11,0	117,70	□	118,20	□	
375		134,70	□	135,30	□	
400		152,90	□	153,60	□	
425		173,40	□	174,20	□	
450	+5,0 +13,0	194,00	□	194,80	□	
475		215,70	□	216,60	□	
500		238,50	■	239,60	□	
Other standard length: [500 mm ^[2]]						

^[1]: tolerances according to DIN EN 15860^[2]: tolerances on the length -0/+3 %^[3]: average production weight■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]□ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Nylatron®



Polyamide [PA 6 + SOLID LUBRICANTS]

Nylatron® NSM

ROUND RODS			
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Nylatron® NSM	
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]	
50	+0,5 +1,5	7,08	■
56		8,85	□
60		10,29	□
65	+0,5 +1,8	11,95	□
70		13,80	□
75	+0,7 +2,3	15,95	□
80		18,10	□
85	+1,0 +2,7	20,55	□
90		23,00	□
100	+1,0 +2,9	28,35	□
110	+1,0 +3,3	34,35	□
120	+1,1 +3,8	40,95	□
125		44,25	□
130		48,00	□
135	+1,2 +4,1	51,95	□
140		55,50	□
150	+1,3 +4,5	63,75	□
Other standard length: [1000 mm ^[2]]			
[mm]	[mm]	Standard length per piece: [1000 mm ^[2]] [kg/pce ^[3]]	
160		24,60	□
170		27,65	□
180	+2,0 +7,0	30,95	□
190		34,40	□
200		38,00	□
210		42,40	□
220		46,40	□
225		48,50	□
230		50,60	□
240		55,00	□
250	+3,0 +9,0	59,55	□
260		64,30	□
270		69,25	□
275		71,75	□
280		74,35	□
290		79,60	□
300		85,10	□
325		100,50	□
350	+4,0 +11,0	116,10	□
375		133,00	□
400		150,90	□
425		171,20	□
450	+5,0 +13,0	191,50	□
475		212,90	□
500		235,40	□
Other standard length: [500 mm ^[2]]			

^[1]: tolerances according to DIN EN 15860^[2]: tolerances on the length -0/+3 %^[3]: average production weight■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]□ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

Nylatron®



Polyamide [PA 66 + MOS₂]

Nylatron® GS

ROUND RODS				
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Nylatron® GS		
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		
6	+0,1 +0,4	0,11	<input type="checkbox"/>	
8	+0,1 +0,5	0,19	<input type="checkbox"/>	
10		0,29	<input type="checkbox"/>	
12		0,43	<input checked="" type="checkbox"/>	
15		0,66	<input type="checkbox"/>	
16	+0,2 +0,7	0,75	<input checked="" type="checkbox"/>	
18		0,95	<input checked="" type="checkbox"/>	
20		1,16	<input checked="" type="checkbox"/>	
22		1,41	<input type="checkbox"/>	
25		1,82	<input checked="" type="checkbox"/>	
28	+0,2 +0,9	2,27	<input type="checkbox"/>	
30		2,58	<input checked="" type="checkbox"/>	
32		2,96	<input checked="" type="checkbox"/>	
35	+0,2 +1,1	3,51	<input checked="" type="checkbox"/>	
40		4,56	<input checked="" type="checkbox"/>	
45	+0,3 +1,3	5,82	<input checked="" type="checkbox"/>	
50		7,14	<input checked="" type="checkbox"/>	
Other standard length: [1000 mm ^[2]]				

^[1]: tolerances according to DIN EN 15860

^[2]: tolerances on the length -0 / +3 %

^[3]: average production weight

: **standard** item [generally available from stock; bulk quantities to be manufactured to order]

: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

: **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide [PA 6] [PA 66]

Ertalon® 6 SA natural
Ertalon® 66 SA natural

SHEETS								
Thickness [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertalon® 6 SA natural				Ertalon® 66 SA natural		
		Rolls		Sheets		Sheets		
		Standard weight per roll: approx. [50 kg]		Standard size per piece: [1000 x 2000 mm ^[2]]		Standard size per piece: [1000 x 2000 mm ^[2]]		
[kg]	[kg]	[kg/pce ^[4]]		[kg/pce ^[3]]		[kg/pce ^[3]]		
0,5	-0,02 +0,08	53,55	□	—	—	—	—	—
0,8	-0,05 +0,10	52,45	□	—	—	—	—	—
1,0	-0,10 +0,10	49,15	□	2,34	■	—	—	—
1,5		49,30	□	3,52	□	—	—	—
2,0	-0,15 +0,15	—	—	4,70	■	4,70	■	■
2,5		—	—	5,88	□	—	—	—
3,0	-0,20 +0,20	—	—	7,04	■	7,04	■	■
4,0		—	—	9,40	■	10,55	□	□
5,0	-0,25 +0,25	—	—	11,75	■	11,75	■	■
6,0		—	—	14,10	■	14,10	■	■
8,0	+0,20 +0,90	—	—	20,40	■	—	—	—
Other standard size: [1000 x 1000 mm ^[2]]								

^[1]: tolerances according to DIN EN 15860^[2]: tolerances on the width and length -0/+3 %^[3]: average production weight^[4]: a coil contains approx. 50 kg of material; width 1000 [-0/+30] mm

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Nylatron®



Polyamide [PA 66 + MOS₂]

Nylatron® GS

PLATES				
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Nylatron® GS		
		Standard size per piece: [610 x 3000 mm ^[2]] [kg/pce ^[3]]		
8	+0,2 +0,9	18,78	<input type="checkbox"/>	
10		23,19	<input checked="" type="checkbox"/>	
12		28,32	<input checked="" type="checkbox"/>	
16	+0,3 +1,5	37,20	<input checked="" type="checkbox"/>	
20		46,05	<input checked="" type="checkbox"/>	
25		57,00	<input type="checkbox"/>	
30		69,30	<input type="checkbox"/>	
35		80,25	<input type="checkbox"/>	
40	+0,5 +2,5	91,35	<input type="checkbox"/>	
45		102,45	<input type="checkbox"/>	
50		113,40	<input type="checkbox"/>	
Other standard size: [610 x 1000 mm ^[2]]				

^[1]: tolerances according to DIN EN 15860

^[2]: tolerances: width +5/+25 mm, length -0/+3 %

^[3]: average production weight

: **standard** item [generally available from stock; bulk quantities to be manufactured to order]

: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

: **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]



Ertalon®

Polyamide [PA 6] [PA 66]

Ertalon® 6 SA natural/black

Thickness [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertalon® 6 SA natural		Ertalon® 6 SA black	
		Standard size per piece: [610 x 3000 mm ^[2]]			
		[kg/pce ^[3]]	[kg/pce ^[3]]		
8	+0,2 +0,9	18,84	■	18,84	■
10		23,19	■	23,19	■
12		28,02	■	28,02	□
15		34,50	■	34,50	■
16	+0,3 +1,5	36,75	■	36,75	□
18		41,10	□	41,10	□
20		45,45	■	45,45	■
25		56,25	■	56,25	■
30		68,40	■	68,40	□
35		79,35	□	79,35	□
40	+0,5 +2,5	90,15	■	90,15	■
45		101,10	□	101,10	□
50		111,90	■	111,90	□
60	+0,5 +3,5	134,70	■	134,70	□
70		156,45	■	156,45	□
80		179,85	□	179,85	□
90	+0,5 +5,0	201,60	□	201,60	□
100		223,35	■	223,35	□

Other standard size: [610 x 1000 mm^[2]]

^[1]: tolerances according to DIN EN 15860

^[2]: tolerances: width +5/+25 mm, length -0/+3 %

^[3]: average production weight

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]

■ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide [PA 66] [PA 4.6] [66-GF30]

Ertalon® 66 SA natural/black

PLATES						
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertalon® 66 SA natural		Ertalon® 66 SA black		
		Standard size per piece: [610 x 3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]		
8	+0,2 +0,9	18,45	■	18,45	□	
10		22,77	■	22,77	□	
12		27,84	■	27,84	□	
15		34,35	☒	34,35	□	
16	+0,3 +1,5	36,45	■	36,45	□	
20		45,15	■	45,15	□	
25		55,95	■	55,95	□	
30		67,95	■	67,95	□	
35		78,75	□	78,75	□	
40	+0,5 +2,5	89,55	☒	89,55	□	
45		100,35	□	100,35	□	
50		111,15	■	111,15	□	
60	+0,5 +3,5	133,80	□	133,80	□	
70		155,40	□	155,40	□	
80		178,65	□	178,65	□	
90	+0,5 +5,0	200,25	□	200,25	□	
100		221,85	□	221,85	□	

Other standard size: [610 x 1000 mm^[2]]Ertalon® 4.6
Ertalon® 66-GF30

PLATES						
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertalon® 4.6			Ertalon® 66-GF30	
		Standard size per piece: [500 x 3000 mm ^[2]] [kg/pce ^[4]]		[610 x 3000 mm ^[2]] [kg/pce ^[3]]	[625 x 3000 mm ^[2]] [kg/pce ^[3]]	
10	+0,2 +0,9	—	—	24,15	■	26,52
15		—	—	36,45	☒	39,90
20	+0,3 +1,5	—	—	47,70	■	52,50
25		—	—	59,10	☒	65,10
30		—	—	72,00	■	79,20
40	+0,5 +2,5	—	—	94,65	■	104,40
50		96,60	☒	—	—	129,45
60	+0,5 +3,5	—	—	—	—	155,85
70		—	—	—	—	181,05
80		—	—	—	—	208,05
90	+0,5 +5,0	—	—	—	—	233,10
100		—	—	—	—	258,30

Other standard size:
[500/610 x 1000 mm^[2]]Other standard size:
[625 x 1000 mm^[2]]^[1]: tolerances according to DIN EN 15860^[2]: tolerances: width +5/+25 mm, length -0/+3 %^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide [PA 6]

Ertalon® 6 PLA natural
Ertalon® 6 PLA black

PLATES									
Thicknesses	Tolerances on the thicknesses	Ertalon® 6 PLA natural							
		Standard sizes per piece:							
		[610 x 1220 mm]		[1220 x 2000 mm]		[1220 x 2440 mm]		[1220 x 3050 mm]	
[mm]	[mm]	[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]	
10	+0,5 +2,5	10,05	■	33,15	■	40,45	□	50,55	■
12		11,80	■	38,90	■	47,45	□	59,30	■
16		15,35	■	50,40	■	61,50	□	76,85	■
20		18,85	■	61,95	■	75,60	□	94,45	■
25		23,20	■	76,35	■	93,15	□	116,40	■
30		27,90	■	91,85	■	112,10	■	140,10	■
35		32,30	■	106,30	■	129,70	□	162,10	■
40	+0,5 +3,0	36,70	■	120,70	■	147,30	□	184,10	■
45		41,05	□	135,10	■	164,80	■	206,00	□
50		45,45	■	149,50	■	182,40	□	228,00	■
55		50,35	□	165,70	□	202,20	□	252,70	□
60		54,75	■	180,10	■	219,70	□	274,70	■
65		59,10	□	194,50	□	237,30	□	296,47	□
70		63,50	■	208,90	■	254,90	□	318,60	■
75	+0,5 +4,5	67,99	□	223,30	□	272,40	□	—	□
80		72,25	■	237,70	■	290,00	□	362,50	■
90		81,00	■	266,50	□	325,10	□	406,40	■
100		89,75	■	295,30	■	360,30	□	450,30	■

PLATES									
Thicknesses	Tolerances on the thicknesses	Ertalon® 6 PLA black							
		Standard sizes per piece:							
		[610 x 1220 mm]		[1220 x 2000 mm]		[1220 x 2440 mm]		[1220 x 3050 mm]	
[mm]	[mm]	[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]	
10	+0,5 +2,5	10,05	■	33,15	■	40,45	□	50,55	■
12		11,80	■	38,90	■	47,45	□	59,30	■
16		15,35	■	50,40	□	61,50	□	76,85	■
20		18,85	■	61,95	■	75,60	□	94,45	■
25		23,20	■	76,35	■	93,15	□	116,40	■
30		27,90	■	91,85	■	112,10	■	140,10	■
35		32,30	■	106,30	□	129,70	□	162,10	■
40	+0,5 +3,0	36,70	■	120,70	■	147,30	□	184,10	■
45		41,05	□	135,10	□	164,80	□	206,00	□
50		45,45	■	149,50	■	182,40	□	228,00	■
55		50,35	□	165,70	□	202,20	□	252,70	□
60		54,75	■	180,10	■	219,70	□	274,70	■
65		59,10	□	194,50	□	237,30	□	296,47	□
70		63,50	■	208,90	□	254,90	□	318,60	■
75	+0,5 +4,5	67,99	□	223,30	□	272,40	□	—	□
80		72,25	□	237,70	■	290,00	□	362,50	□
90		81,00	□	266,50	□	325,10	□	406,40	□
100		89,75	□	295,30	□	360,30	□	450,30	□

Tolerances on widths and lengths [mm]:

610 [0/+10] x 1220 [+10/+20] mm

1220 [+10/+20] x 2000 [+10/+30] mm

1220 [+10/+20] x 2440 [+20/+40] mm

1220 [+10/+20] x 3050 [+20/+40] mm

^[1]: average production weights

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

▣ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide [PA 6]

Ertalon® 6 PLA blue

PLATES									
Thicknesses [mm]	Tolerances on the thicknesses	Ertalon® 6 PLA blue							
		[610 x 1220 mm]		[1220 x 2000 mm]		[1220 x 2440 mm]		[1220 x 3050 mm]	
		[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]	
10		10,05	<input type="checkbox"/>	33,15	<input type="checkbox"/>	40,45	<input type="checkbox"/>	50,55	<input type="checkbox"/>
12		11,80	<input type="checkbox"/>	38,90	<input type="checkbox"/>	47,45	<input type="checkbox"/>	59,30	<input type="checkbox"/>
16	+0,5 +2,5	15,35	<input type="checkbox"/>	50,40	<input type="checkbox"/>	61,50	<input type="checkbox"/>	76,85	<input type="checkbox"/>
20		18,85	<input type="checkbox"/>	61,95	<input type="checkbox"/>	75,60	<input type="checkbox"/>	94,45	<input type="checkbox"/>
25		23,20	<input type="checkbox"/>	76,35	<input type="checkbox"/>	93,15	<input type="checkbox"/>	116,40	<input type="checkbox"/>
30		27,90	<input type="checkbox"/>	91,85	<input type="checkbox"/>	112,10	<input type="checkbox"/>	140,10	<input type="checkbox"/>
35		32,30	<input type="checkbox"/>	106,30	<input type="checkbox"/>	129,70	<input type="checkbox"/>	162,10	<input type="checkbox"/>
40	+0,5 +3,0	36,70	<input type="checkbox"/>	120,70	<input type="checkbox"/>	147,30	<input type="checkbox"/>	184,10	<input type="checkbox"/>
45		41,05	<input type="checkbox"/>	135,10	<input type="checkbox"/>	164,80	<input type="checkbox"/>	206,00	<input type="checkbox"/>
50		45,45	<input type="checkbox"/>	149,50	<input type="checkbox"/>	182,40	<input type="checkbox"/>	228,00	<input type="checkbox"/>
55		50,35	<input type="checkbox"/>	165,70	<input type="checkbox"/>	202,20	<input type="checkbox"/>	252,70	<input type="checkbox"/>
60	+0,5 +3,5	54,75	<input type="checkbox"/>	180,10	<input type="checkbox"/>	219,70	<input type="checkbox"/>	274,70	<input type="checkbox"/>
65		59,10	<input type="checkbox"/>	194,50	<input type="checkbox"/>	237,30	<input type="checkbox"/>	296,47	<input type="checkbox"/>
70		63,50	<input type="checkbox"/>	208,90	<input type="checkbox"/>	254,90	<input type="checkbox"/>	318,60	<input type="checkbox"/>
75		67,90	<input type="checkbox"/>	223,30	<input type="checkbox"/>	272,40	<input type="checkbox"/>	—	<input type="checkbox"/>
80	+0,5 +4,5	72,25	<input type="checkbox"/>	237,70	<input type="checkbox"/>	290,00	<input type="checkbox"/>	362,50	<input type="checkbox"/>
90		81,00	<input type="checkbox"/>	266,50	<input type="checkbox"/>	325,10	<input type="checkbox"/>	406,40	<input type="checkbox"/>
100		89,75	<input type="checkbox"/>	295,30	<input type="checkbox"/>	360,30	<input type="checkbox"/>	450,30	<input type="checkbox"/>

Tolerances on widths and lengths [mm]:

610 [0/+10] x 1220 [+10/+20] mm

1220 [+10/+20] x 2440 [+20/+40] mm

1220 [+10/+20] x 2000 [+10/+30] mm

1220 [+10/+20] x 3050 [+20/+40] mm

^[1]: average production weights**■** : standard item [generally available from stock; bulk quantities to be manufactured to order]**☒** : semi-standard item [generally not available from stock, minimum order quantity 1 piece]**□** : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® LFX
Ertalon® 6 XAU+

PLATES									
Thicknesses	Tolerances on the thicknesses	Ertalon® LFX							
		Standard sizes per piece:							
		[610 x 1220 mm]		[1220 x 2000 mm]		[1220 x 2440 mm]		[1220 x 3050 mm]	
[mm]	[mm]	[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]	
10	+0,5 +2,5	9,94	■	32,70	□	39,90	□	49,85	■
12		11,65	■	38,40	□	46,85	□	58,55	■
16		15,15	■	49,75	□	60,70	□	75,85	■
20		18,60	■	61,15	□	74,60	□	93,25	■
25		22,90	■	75,35	□	91,95	□	114,90	■
30		27,55	■	90,65	□	110,60	□	138,20	■
35	+0,5 +3,0	31,90	□	104,90	□	128,00	□	160,00	□
40		36,20	■	119,10	□	145,30	□	181,60	■
45		40,50	□	133,30	□	162,60	□	203,30	□
50		44,85	■	147,50	□	180,00	□	224,90	■
55		49,70	□	163,50	□	199,50	□	249,30	□
60		54,05	□	177,70	□	216,80	□	271,00	□
65	+0,5 +3,5	58,35	□	192,00	□	234,20	□	292,62	□
70		62,65	□	206,20	□	251,60	□	314,50	□
75		67,00	□	220,40	□	268,90	□	—	—
80		71,30	■	234,60	□	286,20	□	357,80	■
90		79,95	□	263,10	□	321,00	□	401,20	□
100		88,60	□	291,50	□	355,60	□	444,50	□

PLATES									
Thicknesses	Tolerances on the thicknesses	Ertalon® 6 XAU+							
		Standard sizes per piece:							
		[610 x 1220 mm]		[1220 x 2000 mm]		[1220 x 2440 mm]		[1220 x 3050 mm]	
[mm]	[mm]	[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]	
10	+0,5 +2,5	10,05	□	33,15	□	40,45	□	50,55	□
12		11,80	□	38,90	□	47,45	□	59,30	□
16		15,35	■	50,40	□	61,50	□	76,85	■
20		18,85	□	61,95	□	75,60	□	94,45	□
25		23,20	□	76,35	□	93,15	□	116,40	□
30		27,90	■	91,85	□	112,10	□	140,10	■
35	+0,5 +3,0	32,30	■	106,30	□	129,70	□	162,10	■
40		36,70	■	120,70	□	147,30	□	184,10	■
45		41,05	□	135,10	□	164,80	□	206,00	□
50		45,45	■	149,50	□	182,40	□	228,00	■
55		50,35	□	165,70	□	202,40	□	252,70	□
60		54,75	□	180,10	□	219,70	□	274,70	□
65	+0,5 +3,5	59,10	□	194,50	□	237,30	□	296,47	□
70		63,50	□	208,90	□	254,90	□	318,60	□
75		67,90	□	223,30	□	272,40	□	—	—
80		72,25	□	237,70	□	290,00	□	362,50	□
90		81,00	□	266,50	□	325,10	□	406,40	□
100		89,75	□	295,30	□	360,30	□	450,30	□

Tolerances on widths and lengths [mm]:

610 [0/+10] x 1220 [+10/+20] mm

1220 [+10/+20] x 2000 [+10/+30] mm

1220 [+10/+20] x 2440 [+20/+40] mm

1220 [+10/+20] x 3050 [+20/+40] mm

^[1]: average production weights

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Nylatron®



Polyamide [PA6 + OIL]

Nylatron® LFG natural
Nylatron® LFG BLue

PLATES

Thicknesses [mm]	Tolerances on the thicknesses [mm]	Nylatron® LFG natural							
		Standard sizes per piece:							
		[610 x 1220 mm] [kg/pce ^[1]]	[1220 x 2000 mm] [kg/pce ^[1]]	[1220 x 2440 mm] [kg/pce ^[1]]	[1220 x 3050 mm] [kg/pce ^[1]]	[610 x 1220 mm] [kg/pce ^[1]]	[1220 x 2000 mm] [kg/pce ^[1]]	[1220 x 2440 mm] [kg/pce ^[1]]	[1220 x 3050 mm] [kg/pce ^[1]]
10		9,94	□	32,70	□	39,90	□	49,85	□
12		11,65	□	38,40	□	46,85	□	58,55	□
16	+0,5 +2,5	15,15	□	49,75	□	60,70	□	75,85	□
20		18,60	□	61,15	□	74,60	□	93,25	□
25		22,90	□	75,35	□	91,95	□	114,90	□
30		27,55	□	90,65	□	110,60	□	138,20	□
35		31,90	□	104,90	□	128,00	□	160,00	□
40	+0,5 +3,0	36,20	□	119,10	□	145,30	□	181,60	□
45		40,50	□	133,30	□	162,60	□	203,30	□
50		44,85	□	147,50	□	180,00	□	224,90	□
55		49,70	□	163,50	□	199,50	□	249,30	□
60	+0,5 +3,5	54,05	□	177,70	□	216,80	□	271,00	□
65		58,35	□	192,00	□	234,20	□	—	—
70		62,65	□	206,20	□	251,60	□	314,50	□
75		67,00	□	220,40	□	268,90	□	—	—
80	+0,5 +4,5	71,30	□	234,60	□	286,20	□	357,80	□
90		79,95	□	263,10	□	321,00	□	401,20	□
100		88,60	□	291,50	□	355,60	□	444,50	□

PLATES

Thicknesses [mm]	Tolerances on the thicknesses [mm]	Nylatron® LFG blue							
		Standard sizes per piece:							
		[610 x 1220 mm] [kg/pce ^[1]]	[1220 x 2000 mm] [kg/pce ^[1]]	[1220 x 2440 mm] [kg/pce ^[1]]	[1220 x 3050 mm] [kg/pce ^[1]]	[610 x 1220 mm] [kg/pce ^[1]]	[1220 x 2000 mm] [kg/pce ^[1]]	[1220 x 2440 mm] [kg/pce ^[1]]	[1220 x 3050 mm] [kg/pce ^[1]]
10		9,94	□	32,70	□	39,90	□	49,85	□
12		11,65	□	38,40	□	46,85	□	58,55	□
16	+0,5 +2,5	15,15	□	49,75	□	60,70	□	75,85	□
20		18,60	□	61,15	□	74,60	□	93,25	□
25		22,90	□	75,35	□	91,95	□	114,90	□
30		27,55	□	90,65	□	110,60	□	138,20	□
35		31,90	□	104,90	□	128,00	□	160,00	□
40	+0,5 +3,0	36,20	□	119,10	□	145,30	□	181,60	□
45		40,50	□	133,30	□	162,60	□	203,30	□
50		44,85	□	147,50	□	180,00	□	224,90	□
55		49,70	□	163,50	□	199,50	□	249,30	□
60	+0,5 +3,5	54,05	□	177,70	□	216,80	□	271,00	□
65		58,35	□	192,00	□	234,20	□	—	—
70		62,65	□	206,20	□	251,60	□	314,50	□
75		67,00	□	220,40	□	268,90	□	—	—
80	+0,5 +4,5	71,30	□	234,60	□	286,20	□	357,80	□
90		79,95	□	263,10	□	321,00	□	401,20	□
100		88,60	□	291,50	□	355,60	□	444,50	□

Tolerances on widths and lengths [mm]:

610 [0/+10] x 1220 [+10/+20] mm

1220 [+10/+20] x 2000 [+10/+30] mm

1220 [+10/+20] x 2440 [+20/+40] mm

1220 [+10/+20] x 3050 [+20/+40] mm

^[1]: average production weights

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;

improved availability possible upon customer planning]

Nylatron®

Polyamide [PA 6] [PA 6 + MOS₂]Nylatron® MC 901
Nylatron® GSM

PLATES									
Thicknesses	Tolerances on the thicknesses	Nylatron® MC 901							
		Standard sizes per piece:							
		[610 x 1220 mm]		[1220 x 2000 mm]		[1220 x 2440 mm]		[1220 x 3050 mm]	
[mm]	[mm]	[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]	
10	+0,5 +2,5	10,05	□	33,15	□	40,45	□	50,55	□
12		11,80	□	38,90	□	47,57	□	59,30	□
16		15,35	□	50,40	□	61,50	□	76,85	□
20		18,85	□	61,95	■	75,60	□	94,45	□
25		23,20	□	76,35	□	93,15	□	116,40	□
30		27,90	□	91,85	■	112,10	□	140,10	□
35		32,30	□	106,30	□	129,70	□	162,10	□
40	+0,5 +3,0	36,70	□	120,70	■	147,30	□	184,10	□
45		41,05	□	135,10	□	164,80	□	206,00	□
50		45,45	□	149,50	□	182,40	□	228,00	□
55		50,35	□	165,70	□	202,52	□	252,70	□
60		54,75	□	180,10	□	220,13	□	274,70	□
65		59,10	□	194,50	□	219,70	□	296,47	□
70		63,50	□	208,90	□	237,30	□	318,60	□
75	+0,5 +4,5	67,90	□	223,30	□	254,90	□	—	—
80		72,25	□	237,70	□	272,40	□	362,50	□
90		81,00	□	266,50	□	290,00	□	406,40	□
100		89,75	□	295,30	□	325,10	□	450,30	□

PLATES									
Thicknesses	Tolerances on the thicknesses	Nylatron® GSM							
		Standard sizes per piece:							
		[610 x 1220 mm]		[1220 x 2000 mm]		[1220 x 2440 mm]		[1220 x 3050 mm]	
[mm]	[mm]	[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]		[kg/pce ^[1]]	
10	+0,5 +2,5	10,10	□	33,30	■	40,65	□	50,80	□
12		11,85	□	39,05	■	47,65	□	59,55	□
16		15,40	□	50,65	■	61,80	□	77,25	□
20		18,90	□	62,20	■	75,90	□	94,85	□
25		23,30	□	76,70	■	93,55	□	117,00	□
30		28,05	■	92,25	■	112,50	□	140,70	■
35		32,45	□	106,70	■	130,20	□	162,70	□
40	+0,5 +3,0	36,85	□	121,20	■	147,90	□	184,80	□
45		41,25	□	135,60	□	165,40	□	206,80	□
50		45,65	□	150,10	■	183,10	□	228,90	□
55		50,60	□	166,40	□	203,00	□	253,80	□
60		55,00	□	180,90	■	220,70	□	275,90	□
65		59,35	□	195,30	□	238,30	□	297,75	—
70		63,75	□	209,80	□	256,00	□	319,90	□
75	+0,5 +4,5	68,50	□	224,30	□	273,60	□	—	—
80		72,55	□	238,70	■	291,20	□	364,00	□
90		81,35	□	267,70	□	326,60	□	408,20	□
100		90,15	□	296,60	□	361,90	□	452,30	□

Tolerances on widths and lengths [mm]:

610 [0/+10] x 1220 [+10/+20] mm

1220 [+10/+20] x 2000 [+10/+30] mm

1220 [+10/+20] x 2440 [+20/+40] mm

1220 [+10/+20] x 3050 [+20/+40] mm

^[1]: average production weights

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Nylatron®



Polyamide [PA 6 + SOLID LUBRICANTS]

Nylatron® NSM

Nylatron® 703 XL

PLATES									
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Nylatron® NSM							
		[610 x 1220 mm] [kg/pce ^[1]]		[1220 x 2000 mm] [kg/pce ^[1]]		[1220 x 2440 mm] [kg/pce ^[1]]		[1220 x 3050 mm] [kg/pce ^[1]]	
		■	□	■	□	■	□	■	□
10	+0,5 +2,5	9,94	□	32,70	■	39,90	□	49,85	□
12		11,65	□	38,40	■	46,85	□	58,55	□
16		15,15	□	49,75	■	60,70	■	75,85	□
20		18,60	□	61,15	■	74,60	□	93,25	□
25		22,90	□	75,35	■	91,95	□	114,90	□
30		27,55	■	90,65	■	110,60	□	138,20	■
35		31,90	□	104,90	□	128,00	□	160,00	□
40		36,20	□	119,10	■	145,30	□	181,60	□
45		40,50	□	133,30	□	162,60	□	203,30	□
50		44,85	□	147,50	□	180,00	□	224,90	□
55	+0,5 +3,0	49,70	□	163,50	□	199,50	□	249,30	□
60		54,05	□	177,70	□	216,80	□	271,00	□
65		58,35	□	192,00	□	234,20	□	295,18	□
70		62,65	□	206,20	□	251,60	□	314,50	□
75		67,00	□	220,40	□	268,90	□	—	—
80		71,30	□	234,60	□	286,20	□	357,80	□
90		79,95	□	263,10	□	321,00	□	401,20	□
100		88,60	□	291,50	□	355,60	□	444,50	□

PLATES									
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Nylatron® 703 XL							
		[610 x 1220 mm] [kg/pce ^[1]]		[1000 x 1220 mm] [kg/pce ^[1]]		[1220 x 2000 mm] [kg/pce ^[1]]		[1220 x 3050 mm] [kg/pce ^[1]]	
		■	□	■	□	■	□	■	□
10	+0,5 +2,5	8,26	■	15,90	□	31,90	□	41,30	■
16		13,20	■	24,30	□	48,50	□	66,10	■
20		16,50	■	29,80	□	59,60	□	82,60	■
30		24,80	■	44,20	□	88,30	□	123,90	■
40		35,25	□	54,15	□	116,00	■	176,80	□
60		49,55	□	81,25	□	173,10	□	263,90	□
80		69,45	■	108,30	■	228,50	□	348,40	■

Tolerances on widths and lengths [mm]:

610 [0/+10] x 1220 [+10/+20] mm

1220 [+10/+20] x 2000 [+10/+30] mm

1220 [+10/+20] x 2440 [+20/+40] mm

1220 [+10/+20] x 3050 [+20/+40] mm

^[1]: average production weights

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide [PA 6] [PA 66]

Ertalon® 6 SA natural/black
Ertalon® 66 SA natural

TUBES							
Diamètres [mm] O.D. x I.D.	Tolerances ^[1] on the thicknesses [mm]		Ertalon® 6 SA natural		Ertalon® 6 SA black		Ertalon® 66 SA natural
			[kg/pce ^[3]]		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]
	O.D.	I.D.					
20 x 10			0,94	■	0,94	□	0,94
20 x 15			0,62	□	0,62	□	0,62
22 x 10			1,18	□	1,18	□	1,18
25 x 12			1,46	■	1,46	□	1,46
25 x 15	+0,4 +1,1	-0,4 -1,1	1,25	■	1,25	□	1,25
25 x 18			1,00	□	1,00	□	1,00
28 x 12			1,91	□	1,91	□	1,91
30 x 15			2,03	■	2,03	□	2,03
30 x 20			1,58	■	1,58	□	1,58
32 x 15			2,51	□	2,51	□	2,51
32 x 20			2,07	□	2,07	□	2,07
32 x 25			1,49	■	1,49	□	1,49
36 x 17			3,12	■	3,12	□	3,12
36 x 25			2,27	■	2,27	□	2,27
40 x 20			3,69	■	3,69	□	3,69
40 x 25			3,12	□	3,12	□	3,12
40 x 30	+0,6 +2,0	-0,6 -2	2,40	■	2,40	□	2,40
45 x 20			4,89	□	4,89	□	—
45 x 25			4,32	■	4,32	□	4,32
45 x 30			3,60	□	3,60	□	3,60
45 x 35			2,75	□	2,75	□	2,75
50 x 20			6,21	■	6,21	□	—
50 x 25			5,64	■	5,64	□	—
50 x 30			4,92	■	4,92	□	4,92
50 x 40			3,09	■	3,09	□	3,09
55 x 25			7,26	□	7,26	□	—
55 x 35	+0,8 +2,5	-0,8 -2,5	5,73	■	5,73	□	5,73
60 x 30			8,16	■	8,16	□	—
60 x 40			6,36	■	6,36	□	6,36
65 x 40			8,25	□	8,25	□	—
70 x 30			12,06	■	12,06	□	—
70 x 40			10,14	■	10,14	□	—
70 x 50			7,80	■	7,80	□	7,80
75 x 30	+0,8 +3,0	-0,8 -3,0	14,07	■	14,07	□	—
75 x 50			9,81	□	9,81	□	—
80 x 40			14,34	■	14,34	□	—
80 x 50			11,97	■	11,97	□	—
80 x 60			9,09	■	9,09	□	9,09
90 x 40			19,59	■	19,59	□	—
90 x 50			17,34	□	17,34	□	—
90 x 60			14,52	■	14,52	□	—
100 x 40	+1,2 +3,6	-1,6 -5,0	25,05	□	25,05	□	—
100 x 50			22,65	■	22,65	□	—
100 x 60			19,83	■	19,83	□	—
100 x 80			12,54	□	12,54	□	12,54

Other standard length: [1000 mm^[2]]

For non-listed intermediate diameter, please consult us!

^[1]: tolerances according to DIN EN 15860^[2]: tolerances on the length -0/+3 %^[3]: average production weight■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]■ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Nylatron®



Polyamide [PA 66 + MOS₂]

Nylatron® GS

TUBES				
Diameters [mm] O.D. x I.D.	Tolerances ^[1] on the diameters [mm]		Nylatron® GS	
	O.D.	I.D.	Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]	
20 x 10			0,98	<input type="checkbox"/>
25 x 15			1,30	<input type="checkbox"/>
30 x 15			2,09	<input type="checkbox"/>
30 x 20			1,62	<input type="checkbox"/>
36 x 20			2,94	<input checked="" type="checkbox"/>
36 x 25			2,37	<input type="checkbox"/>
40 x 25			3,24	<input type="checkbox"/>
40 x 30			2,52	<input type="checkbox"/>
45 x 25	+0,6 +2,0	-0,6 -2,0	4,44	<input type="checkbox"/>
45 x 30			3,75	<input type="checkbox"/>
45 x 35			2,88	<input type="checkbox"/>
50 x 30			5,10	<input type="checkbox"/>
50 x 35			4,23	<input type="checkbox"/>
50 x 40			3,24	<input type="checkbox"/>
60 x 45	+0,8 +2,5	-0,8 -2,5	5,49	<input type="checkbox"/>
60 x 50			4,23	<input type="checkbox"/>
65 x 50			6,18	<input type="checkbox"/>
65 x 55	+0,8 +3,0	-0,8 -3,0	4,80	<input type="checkbox"/>
66 x 53			5,76	<input type="checkbox"/>
Other standard length: [1000 mm ^[2]]				

For non-listed intermediate diameter, please consult us!

^[1]: tolerances according to DIN EN 15860

^[2]: tolerance on the length -0/+3 %

^[3]: average production weight

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□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES

Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
			Standard length per piece: [2000 mm]					
	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
50 x 20	4,40	□	4,40	□	4,40	□	4,35	□
50 x 25	4,04	□	4,04	□	4,04	□	3,99	□
56 x 20	5,46	□	5,46	□	5,46	□	5,39	□
56 x 25	5,10	□	5,10	□	5,10	□	5,04	□
56 x 30	4,65	□	4,65	□	4,65	□	4,59	□
56 x 35	4,11	□	4,11	□	4,11	□	4,05	□
60 x 25	5,99	□	5,99	□	5,99	□	5,91	□
60 x 30	5,54	■	5,54	□	5,54	□	5,47	□
60 x 35	5,00	□	5,00	□	5,00	□	4,93	□
60 x 40	4,36	■	4,36	□	4,36	□	4,31	□
65 x 25	7,22	□	7,22	□	7,22	□	7,13	□
65 x 30	6,77	□	6,77	□	6,77	□	6,68	□
65 x 35	6,23	□	6,23	□	6,23	□	6,15	□
65 x 40	5,60	□	5,60	□	5,60	□	5,52	□
65 x 45	4,87	□	4,87	□	4,87	□	4,81	□
65 x 50	4,06	□	4,06	□	4,06	□	4,01	□
70 x 25	8,47	□	8,47	□	8,47	□	8,36	□
70 x 30	8,01	■	8,01	□	8,01	□	7,91	□
70 x 35	7,47	□	7,47	□	7,47	□	7,38	□
70 x 40	6,84	□	6,84	□	6,84	□	6,75	■
70 x 45	6,12	□	6,12	□	6,12	□	6,04	□
70 x 50	5,30	■	5,30	□	5,30	□	5,24	□
70 x 55	4,40	□	4,40	□	4,40	□	4,34	□
75 x 25	9,81	□	9,81	□	9,81	□	9,68	□
75 x 30	9,36	□	9,36	□	9,36	□	9,24	□
75 x 35	8,82	□	8,82	□	8,82	□	8,70	□
75 x 40	8,18	□	8,18	□	8,18	□	8,08	□
75 x 45	7,46	□	7,46	□	7,46	□	7,36	□
75 x 50	6,65	□	6,65	□	6,65	□	6,56	□
75 x 55	5,75	□	5,75	□	5,75	□	5,67	□
75 x 60	4,75	□	4,75	□	4,75	□	4,69	□
80 x 25	11,25	□	11,25	□	11,25	□	11,10	□
80 x 30	10,80	■	10,80	□	10,80	■	10,65	□
80 x 35	10,25	□	10,25	□	10,25	□	10,15	□
80 x 40	9,64	■	9,64	□	9,64	□	9,51	□
80 x 45	8,91	□	8,91	□	8,91	□	8,80	□
80 x 50	8,10	□	8,10	□	8,10	□	8,00	□
80 x 55	7,20	□	7,20	□	7,20	□	7,10	□
80 x 60	6,20	■	6,20	□	6,20	□	6,12	□
80 x 65	5,12	□	5,12	□	5,12	□	5,05	□
85 x 25	13,10	□	13,10	□	13,10	□	12,95	□
85 x 30	12,70	□	12,70	□	12,70	□	12,50	□
85 x 35	12,15	□	12,15	□	12,15	□	12,00	□
85 x 40	11,55	□	11,55	□	11,55	□	11,40	□
85 x 45	10,85	□	10,85	□	10,85	□	10,70	□
85 x 50	10,05	□	10,05	□	10,05	□	9,94	□

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Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	
85 x 55	9,19	□	9,19	□	9,19	□	9,07	□
85 x 60	8,23	□	8,23	□	8,23	□	8,12	□
85 x 65	7,17	□	7,17	□	7,17	□	7,07	□
85 x 70	6,02	□	6,02	□	6,02	□	5,94	□
90 x 30	14,30	□	14,30	□	14,30	□	14,15	□
90 x 35	13,80	□	13,80	□	13,80	□	13,65	□
90 x 40	13,20	□	13,20	□	13,20	□	13,05	□
90 x 45	12,50	□	12,50	□	12,50	□	12,35	□
90 x 50	11,70	☒	11,70	□	11,70	□	11,55	□
90 x 55	10,85	□	10,85	□	10,85	□	10,70	□
90 x 60	9,87	□	9,87	□	9,87	□	9,74	□
90 x 65	8,81	□	8,81	□	8,81	□	8,70	□
90 x 70	7,66	☒	7,66	□	7,66	□	7,56	□
90 x 75	6,43	□	6,43	□	6,43	□	6,34	□
95 x 35	15,55	□	15,55	□	15,55	□	15,30	□
95 x 40	14,90	□	14,90	□	14,90	□	14,75	□
95 x 45	14,20	□	14,20	□	14,20	□	14,05	□
95 x 50	13,45	□	13,45	□	13,45	□	13,25	□
95 x 55	12,55	□	12,55	□	12,55	□	12,40	□
95 x 60	11,60	□	11,60	□	11,60	□	11,45	□
95 x 65	10,55	□	10,55	□	10,55	□	10,40	□
95 x 70	9,38	□	9,38	□	9,38	□	9,26	□
95 x 75	8,15	□	8,15	□	8,15	□	8,04	□
95 x 80	6,82	□	6,82	□	6,82	□	6,73	□
100 x 35	17,70	□	17,70	□	17,70	□	17,50	□
100 x 40	17,10	□	17,10	□	17,10	□	16,90	□
100 x 45	16,40	□	16,40	□	16,40	□	16,20	□
100 x 50	15,65	☒	15,65	□	15,65	□	15,45	□
100 x 55	14,75	□	14,75	□	14,75	□	14,55	□
100 x 60	13,80	☒	13,80	□	13,80	□	13,60	□
100 x 65	12,75	□	12,75	□	12,75	□	12,55	□
100 x 70	11,60	□	11,60	□	11,60	□	11,45	□
100 x 75	10,35	□	10,35	□	10,35	□	10,20	□
100 x 80	9,01	☒	9,01	□	9,01	□	8,90	□
100 x 85	7,59	□	7,59	□	7,59	□	7,50	□
105 x 35	19,60	□	19,60	□	19,60	□	19,35	□
105 x 40	18,95	□	18,95	□	18,95	□	18,75	□
105 x 45	18,30	□	18,30	□	18,30	□	18,05	□
105 x 50	17,50	□	17,50	□	17,50	□	17,25	□
105 x 55	16,60	□	16,60	□	16,60	□	16,40	□
105 x 60	15,65	□	15,65	□	15,65	□	15,45	□
105 x 65	14,60	□	14,60	□	14,60	□	14,40	□
105 x 70	13,45	□	13,45	□	13,45	□	13,25	□
105 x 75	12,20	□	12,20	□	12,20	□	12,05	□
105 x 80	10,85	□	10,85	□	10,85	□	10,75	□
105 x 85	9,45	□	9,45	□	9,45	□	9,33	□

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Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	
105 x 90	7,94	□	7,94	□	7,94	□	7,84	□
110 x 35	21,35	□	21,35	□	21,35	□	21,10	□
110 x 40	20,75	□	20,75	□	20,75	□	20,50	□
110 x 45	20,05	□	20,05	□	20,05	□	19,80	□
110 x 50	19,25	□	19,25	□	19,25	□	19,00	□
110 x 55	18,40	□	18,40	□	18,40	□	18,15	□
110 x 60	17,45	□	17,45	□	17,45	□	17,20	□
110 x 65	16,35	□	16,35	□	16,35	□	16,15	□
110 x 70	15,20	☒	15,20	□	15,20	□	15,00	□
110 x 75	14,00	□	14,00	□	14,00	□	13,80	□
110 x 80	12,65	□	12,65	□	12,65	□	12,50	□
110 x 85	11,25	□	11,25	□	11,25	□	11,10	□
110 x 90	9,73	□	9,73	□	9,73	□	9,60	□
110 x 95	8,13	□	8,13	□	8,13	□	8,02	□
115 x 35	23,85	□	23,85	□	23,85	□	23,50	□
115 x 40	23,25	□	23,25	□	23,25	□	22,95	□
115 x 45	22,55	□	22,55	□	22,55	□	22,25	□
115 x 50	21,80	□	21,80	□	21,80	□	21,50	□
115 x 55	20,95	□	20,95	□	20,95	□	20,65	□
115 x 60	20,00	□	20,00	□	20,00	□	19,70	□
115 x 65	18,95	□	18,95	□	18,95	□	18,70	□
115 x 70	17,80	□	17,80	□	17,80	□	17,60	□
115 x 75	16,60	□	16,60	□	16,60	□	16,35	□
115 x 80	15,30	□	15,30	□	15,30	□	15,10	□
115 x 85	13,90	□	13,90	□	13,90	□	13,70	□
115 x 90	12,40	□	12,40	□	12,40	□	12,20	□
115 x 95	10,80	□	10,80	□	10,80	□	10,65	□
115 x 100	9,13	□	9,13	□	9,13	□	9,01	□
120 x 40	25,20	□	25,20	□	25,20	□	24,85	□
120 x 45	24,50	□	24,50	□	24,50	□	24,20	□
120 x 50	23,75	□	23,75	□	23,75	□	23,45	□
120 x 55	22,90	□	22,90	□	22,90	□	22,60	□
120 x 60	21,95	□	21,95	□	21,95	□	21,65	□
120 x 65	20,90	□	20,90	□	20,90	□	20,60	□
120 x 70	19,75	□	19,75	□	19,75	□	19,50	□
120 x 75	18,55	□	18,55	□	18,55	□	18,30	□
120 x 80	17,20	☒	17,20	□	17,20	□	17,00	□
120 x 85	15,80	□	15,80	□	15,80	□	15,60	□
120 x 90	14,35	□	14,35	□	14,35	□	14,15	□
120 x 95	12,75	□	12,75	□	12,75	□	12,60	□
120 x 100	11,10	□	11,10	□	11,10	□	10,95	□
120 x 105	9,31	□	9,31	□	9,31	□	9,19	□
125 x 40	28,30	□	28,30	□	28,30	□	27,95	□
125 x 45	27,60	□	27,60	□	27,60	□	27,25	□
125 x 50	26,85	□	26,85	□	26,85	□	26,50	□
125 x 55	25,95	□	25,95	□	25,95	□	25,65	□

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Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
	Standard length per piece: [2000 mm]				[kg/pce]		[kg/pce]	
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]
125 x 60	25,00	□	25,00	□	25,00	□	24,70	□
125 x 65	24,00	□	24,00	□	24,00	□	23,65	□
125 x 70	22,85	□	22,85	□	22,85	□	22,55	□
125 x 75	21,65	□	21,65	□	21,65	□	21,35	□
125 x 80	20,30	□	20,30	□	20,30	□	20,05	□
125 x 85	18,90	□	18,90	□	18,90	□	18,65	□
125 x 90	17,45	□	17,45	□	17,45	□	17,20	□
125 x 95	15,85	□	15,85	□	15,85	□	15,65	□
125 x 100	14,15	□	14,15	□	14,15	□	14,00	□
125 x 105	12,40	□	12,40	□	12,40	□	12,25	□
125 x 110	10,55	□	10,55	□	10,55	□	10,40	□
130 x 40	30,65	□	30,65	□	30,65	□	30,25	□
130 x 45	29,95	□	29,95	□	29,95	□	29,60	□
130 x 50	29,20	□	29,20	□	29,20	□	28,80	□
130 x 55	28,35	□	28,35	□	28,35	□	27,95	□
130 x 60	27,40	□	27,40	□	27,40	□	27,05	□
130 x 65	26,35	□	26,35	□	26,35	□	26,00	□
130 x 70	25,20	□	25,20	□	25,20	□	24,90	□
130 x 75	24,00	□	24,00	□	24,00	□	23,70	□
130 x 80	22,70	□	22,70	□	22,70	□	22,40	□
130 x 85	21,30	□	21,30	□	21,30	□	21,00	□
130 x 90	19,80	□	19,80	□	19,80	□	19,55	□
130 x 95	18,20	□	18,20	□	18,20	□	17,95	□
130 x 100	16,55	□	16,55	□	16,55	□	16,30	□
130 x 105	14,80	□	14,80	□	14,80	□	14,60	□
130 x 110	12,95	□	12,95	□	12,95	□	12,75	□
130 x 115	11,00	□	11,00	□	11,00	□	10,85	□
135 x 45	32,10	□	32,10	□	32,10	□	31,70	□
135 x 50	31,35	□	31,35	□	31,35	□	30,90	□
135 x 55	30,45	□	30,45	□	30,45	□	30,05	□
135 x 60	29,50	□	29,50	□	29,50	□	29,15	□
135 x 65	28,50	□	28,50	□	28,50	□	28,10	□
135 x 70	27,35	□	27,35	□	27,35	□	27,00	□
135 x 75	26,10	□	26,10	□	26,10	□	25,80	□
135 x 80	24,80	□	24,80	□	24,80	□	24,50	□
135 x 85	23,40	□	23,40	□	23,40	□	23,10	□
135 x 90	21,90	□	21,90	□	21,90	□	21,65	□
135 x 95	20,35	□	20,35	□	20,35	□	20,05	□
135 x 100	18,65	□	18,65	□	18,65	□	18,40	□
135 x 105	16,90	□	16,90	□	16,90	□	16,70	□
135 x 110	15,05	□	15,05	□	15,05	□	14,85	□
135 x 115	13,10	□	13,10	□	13,10	□	12,95	□
135 x 120	11,10	□	11,10	□	11,10	□	10,95	□
140 x 45	34,65	□	34,65	□	34,65	□	34,20	□
140 x 50	33,85	□	33,85	□	33,85	□	33,40	□
140 x 55	33,00	□	33,00	□	33,00	□	32,55	□

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Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES

Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
			Standard length per piece: [2000 mm]					
	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
140 x 60	32,05	□	32,05	□	32,05	□	31,65	□
140 x 65	31,00	□	31,00	□	31,00	□	30,60	□
140 x 70	29,90	□	29,90	□	29,90	□	29,50	□
140 x 75	28,65	□	28,65	□	28,65	□	28,30	□
140 x 80	27,35	□	27,35	□	27,35	□	27,00	□
140 x 85	25,95	□	25,95	□	25,95	□	25,60	□
140 x 90	24,45	□	24,45	□	24,45	□	24,15	□
140 x 95	22,85	□	22,85	□	22,85	□	22,55	□
140 x 100	21,20	□	21,20	□	21,20	□	20,90	□
140 x 105	19,45	□	19,45	□	19,45	□	19,20	□
140 x 110	17,60	□	17,60	□	17,60	■	17,35	□
140 x 115	15,65	□	15,65	□	15,65	□	15,45	□
140 x 120	13,60	□	13,60	□	13,60	□	13,45	□
140 x 125	11,50	□	11,50	□	11,50	□	11,35	□
150 x 50	40,55	□	40,55	□	40,55	□	40,05	□
150 x 55	39,70	□	39,70	□	39,70	□	39,20	□
150 x 60	38,75	□	38,75	□	38,75	□	38,25	□
150 x 65	37,70	□	37,70	□	37,70	□	37,20	□
150 x 70	36,60	□	36,60	□	36,60	□	36,10	□
150 x 75	35,35	□	35,35	□	35,35	□	34,90	□
150 x 80	34,05	□	34,05	□	34,05	□	33,60	□
150 x 85	32,65	□	32,65	□	32,65	□	32,20	□
150 x 90	31,15	□	31,15	□	31,15	□	30,75	□
150 x 95	29,60	□	29,60	□	29,60	□	29,20	□
150 x 100	27,90	□	27,90	□	27,90	□	27,55	□
150 x 105	26,15	□	26,15	□	26,15	□	25,80	□
150 x 110	24,30	□	24,30	□	24,30	□	24,00	□
150 x 115	22,35	□	22,35	□	22,35	□	22,05	□
150 x 120	20,30	■	20,30	□	20,30	□	20,05	□
150 x 125	18,20	□	18,20	□	18,20	□	17,95	□
150 x 130	16,00	□	16,00	□	16,00	□	15,75	□
150 x 135	13,70	□	13,70	□	13,70	□	13,50	□
155 x 65	39,70	□	39,70	□	39,70	□	38,60	□
155 x 70	38,60	□	38,60	□	38,60	□	38,10	□
155 x 75	37,40	□	37,40	□	37,40	□	36,90	□
155 x 80	36,10	□	36,10	□	36,10	□	35,60	□
155x 85	34,70	□	34,70	□	34,70	□	34,30	□
155 x 90	33,20	□	33,20	□	33,20	□	32,80	□
155 x 95	31,70	□	31,70	□	31,70	□	31,30	□
155 x 100	30,00	□	30,00	□	30,00	□	29,60	□
155 x 105	28,30	□	28,30	□	28,30	□	27,90	□
155 x 110	26,40	□	26,40	□	26,40	□	26,10	□
155 x 115	24,50	□	24,50	□	24,50	□	24,20	□
155 x 120	22,50	□	22,50	□	22,50	□	22,20	□
155 x 125	20,40	□	20,40	□	20,40	□	20,10	□
160 x 80	39,20	□	39,20	□	39,20	□	38,70	□

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
	Standard length per piece: [2000 mm]		[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	
160 x 85	37,80	□	37,80	□	37,80	□	37,30	□
160 x 90	36,30	□	36,30	□	36,30	□	35,80	□
160 x 95	34,80	□	34,80	□	34,80	□	34,30	□
160 x 100	33,10	□	33,10	□	33,10	□	32,70	□
160 x 105	31,30	□	31,30	□	31,30	□	30,90	□
160 x 110	29,50	□	29,50	□	29,50	□	29,10	□
160 x 115	27,60	□	27,60	□	27,60	□	27,20	□
160 x 120	25,60	□	25,60	□	25,60	□	25,20	□
160 x 125	23,50	□	23,50	□	23,50	□	23,20	□
160 x 130	21,30	□	21,30	□	21,30	□	21,00	□
170 x 100	39,40	□	39,40	□	39,40	□	38,90	□
170 x 105	37,70	□	37,70	□	37,70	□	37,20	□
170 x 110	35,80	□	35,80	□	35,80	□	35,40	□
170 x 115	33,90	□	33,90	□	33,90	□	33,50	□
170 x 120	31,90	□	31,90	□	31,90	□	31,50	□
170 x 125	29,80	□	29,80	□	29,80	□	29,40	□
170 x 130	27,60	□	27,60	□	27,60	□	27,20	□
170 x 135	25,30	□	25,30	□	25,30	□	25,00	□
170 x 140	22,90	□	22,90	□	22,90	□	22,60	□
170 x 145	20,40	□	20,40	□	20,40	□	20,20	□
180 x 120	38,70	□	38,70	□	38,70	□	38,20	□
180 x 125	36,60	□	36,60	□	36,60	□	36,20	□
180 x 130	34,40	□	34,40	□	34,40	□	34,00	□
180 x 135	32,10	□	32,10	□	32,10	□	31,70	□
180 x 140	29,80	□	29,80	□	29,80	□	29,40	□
180 x 145	27,30	□	27,30	□	27,30	□	26,90	□
180 x 150	24,70	□	24,70	□	24,70	□	24,40	□
180 x 155	22,10	□	22,10	□	22,10	□	21,80	□
190 x 135	39,60	□	39,60	□	39,60	□	39,10	□
190 x 140	37,30	□	37,30	□	37,30	□	36,80	□
190 x 145	34,80	□	34,80	□	34,80	□	34,40	□
190 x 150	32,30	□	32,30	□	32,30	□	31,90	□
190 x 155	29,60	□	29,60	□	29,60	□	29,30	□
190 x 160	26,90	□	26,90	□	26,90	□	26,60	□
190 x 165	24,10	□	24,10	□	24,10	□	23,80	□
190 x 170	21,20	□	21,20	□	21,20	□	20,90	□
200 x 150	39,60	□	39,60	□	39,60	□	39,10	□
200 x 155	37,00	□	37,00	□	37,00	□	36,50	□
200 x 160	34,30	□	34,30	□	34,30	□	33,80	□
200 x 165	31,50	□	31,50	□	31,50	□	31,10	□
200 x 170	28,60	□	28,60	□	28,60	□	28,20	□
200 x 175	25,60	□	25,60	□	25,60	□	25,20	□
200 x 180	22,50	□	22,50	□	22,50	□	22,20	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES

Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
			Standard length per piece: [1000 mm]					
	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
155 x 50	21,25	□	21,25	□	21,25	□	21,00	□
155 x 55	20,85	□	20,85	□	20,85	□	20,60	□
155 x 60	20,40	□	20,40	□	20,40	□	20,10	□
155 x 65	19,85	□	19,85	□	19,85	□	19,30	□
155 x 70	19,30	□	19,30	□	19,30	□	19,05	□
155 x 75	18,70	□	18,70	□	18,70	□	18,45	□
155 x 80	18,05	□	18,05	□	18,05	□	17,80	□
155 x 85	17,35	□	17,35	□	17,35	□	17,15	□
155 x 90	16,60	□	16,60	□	16,60	□	16,40	□
155 x 95	15,85	□	15,85	□	15,85	□	15,65	□
155 x 100	15,00	□	15,00	□	15,00	□	14,80	□
155 x 105	14,15	□	14,15	□	14,15	□	13,95	□
155 x 110	13,20	□	13,20	□	13,20	□	13,05	□
155 x 115	12,25	□	12,25	□	12,25	□	12,10	□
155 x 120	11,25	□	11,25	□	11,25	□	11,10	□
155 x 125	10,20	□	10,20	□	10,20	□	10,05	□
155 x 130	9,10	□	9,10	□	9,10	□	8,98	□
155 x 135	7,95	□	7,95	□	7,95	□	7,85	□
160 x 50	22,80	□	22,80	□	22,80	□	22,50	□
160 x 55	22,40	□	22,40	□	22,40	□	22,10	□
160 x 60	21,90	□	21,90	□	21,90	□	21,65	□
160 x 65	21,40	□	21,40	□	21,40	□	21,10	□
160 x 70	20,85	□	20,85	□	20,85	□	20,55	□
160 x 75	20,25	□	20,25	□	20,25	□	20,00	□
160 x 80	19,60	□	19,60	□	19,60	□	19,35	□
160 x 85	18,90	□	18,90	□	18,90	□	18,65	□
160 x 90	18,15	□	18,15	□	18,15	□	17,90	□
160 x 95	17,40	□	17,40	□	17,40	□	17,15	□
160 x 100	16,55	■	16,55	□	16,55	□	16,35	□
160 x 105	15,65	□	15,65	□	15,65	□	15,45	□
160 x 110	14,75	□	14,75	□	14,75	□	14,55	□
160 x 115	13,80	□	13,80	□	13,80	□	13,60	□
160 x 120	12,80	■	12,80	□	12,80	□	12,60	□
160 x 125	11,75	□	11,75	□	11,75	□	11,60	□
160 x 130	10,65	□	10,65	□	10,65	□	10,50	□
160 x 135	9,49	□	9,49	□	9,49	□	9,37	□
160 x 140	8,30	□	8,30	□	8,30	□	8,19	□
170 x 50	25,95	□	25,95	□	25,95	□	25,60	□
170 x 55	25,55	□	25,55	□	25,55	□	25,20	□
170 x 60	25,05	□	25,05	□	25,05	□	24,75	□
170 x 65	24,55	□	24,55	□	24,55	□	24,25	□
170 x 70	24,00	□	24,00	□	24,00	□	23,70	□
170 x 75	23,40	□	23,40	□	23,40	□	23,10	□
170 x 80	22,75	□	22,75	□	22,75	□	22,45	□
170 x 85	22,05	□	22,05	□	22,05	□	21,75	□
170 x 90	21,30	□	21,30	□	21,30	□	21,05	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	
170 x 95	20,55	□	20,55	□	20,55	□	20,25	□
170 x 100	19,70	□	19,70	□	19,70	□	19,45	□
170 x 105	18,85	□	18,85	□	18,85	□	18,60	□
170 x 110	17,90	□	17,90	□	17,90	□	17,70	□
170 x 115	16,95	□	16,95	□	16,95	□	16,75	□
170 x 120	15,95	□	15,95	□	15,95	□	15,75	□
170 x 125	14,90	□	14,90	□	14,90	□	14,70	□
170 x 130	13,80	□	13,80	□	13,80	□	13,60	□
170 x 135	12,65	□	12,65	□	12,65	□	12,50	□
170 x 140	11,45	□	11,45	□	11,45	□	11,30	□
170 x 145	10,20	□	10,20	□	10,20	□	10,10	□
170 x 150	8,95	□	8,95	□	8,95	□	8,83	□
180 x 60	28,50	□	28,50	□	28,50	□	28,15	□
180 x 65	28,00	□	28,00	□	28,00	□	27,60	□
180 x 70	27,45	□	27,45	□	27,45	□	27,05	□
180 x 75	26,80	□	26,80	□	26,80	□	26,50	□
180 x 80	26,20	□	26,20	□	26,20	□	25,85	□
180 x 85	25,50	□	25,50	□	25,50	□	25,15	□
180 x 90	24,75	□	24,75	□	24,75	□	24,40	□
180 x 95	23,95	□	23,95	□	23,95	□	23,65	□
180 x 100	23,15	□	23,15	□	23,15	□	22,85	□
180 x 105	22,25	□	22,25	□	22,25	□	21,95	□
180 x 110	21,35	□	21,35	□	21,35	□	21,05	□
180 x 115	20,40	□	20,40	□	20,40	□	20,10	□
180 x 120	19,35	□	19,35	□	19,35	□	19,10	□
180 x 125	18,30	□	18,30	□	18,30	□	18,10	□
180 x 130	17,20	□	17,20	□	17,20	□	17,00	□
180 x 135	16,05	□	16,05	□	16,05	□	15,85	□
180 x 140	14,90	□	14,90	□	14,90	□	14,70	□
180 x 145	13,65	□	13,65	□	13,65	□	13,45	□
180 x 150	12,35	□	12,35	□	12,35	□	12,20	□
180 x 155	11,05	□	11,05	□	11,05	□	10,90	□
180 x 160	9,68	□	9,68	□	9,68	□	9,56	□
190 x 65	31,65	□	31,65	□	31,65	□	31,25	□
190 x 70	31,10	□	31,10	□	31,10	□	30,70	□
190 x 75	30,50	□	30,50	□	30,50	□	30,10	□
190 x 80	29,85	□	29,85	□	29,85	□	29,45	□
190 x 85	29,15	□	29,15	□	29,15	□	28,80	□
190 x 90	28,45	□	28,45	□	28,45	□	28,05	□
190 x 95	27,65	□	27,65	□	27,65	□	27,30	□
190 x 100	26,85	□	26,85	□	26,85	□	26,50	□
190 x 105	25,95	□	25,95	□	25,95	□	25,65	□
190 x 110	25,05	□	25,05	□	25,05	□	24,75	□
190 x 115	24,10	□	24,10	□	24,10	□	23,80	□
190 x 120	23,10	□	23,10	□	23,10	□	22,80	□
190 x 125	22,05	□	22,05	□	22,05	□	21,75	□

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□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES

Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
			Standard length per piece: [1000 mm]					
	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
190 x 130	20,95	□	20,95	□	20,95	□	20,70	□
190 x 135	19,80	□	19,80	□	19,80	□	19,55	□
190 x 140	18,65	□	18,65	□	18,65	□	18,40	□
190 x 145	17,40	□	17,40	□	17,40	□	17,20	□
190 x 150	16,15	□	16,15	□	16,15	□	15,95	□
190 x 155	14,80	□	14,80	□	14,80	□	14,65	□
190 x 160	13,45	□	13,45	□	13,45	□	13,30	□
190 x 165	12,05	□	12,05	□	12,05	□	11,90	□
190 x 170	10,60	□	10,60	□	10,60	□	10,45	□
200 x 70	34,80	□	34,80	□	34,80	□	34,35	□
200 x 75	34,20	□	34,20	□	34,20	□	33,75	□
200 x 80	33,55	□	33,55	□	33,55	□	33,10	□
200 x 85	32,85	□	32,85	□	32,85	□	32,45	□
200 x 90	32,10	□	32,10	□	32,10	□	31,70	□
200 x 95	31,35	□	31,35	□	31,35	□	30,95	□
200 x 100	30,50	□	30,50	□	30,50	□	30,10	□
200 x 105	29,65	□	29,65	□	29,65	□	29,25	□
200 x 110	28,75	□	28,75	□	28,75	□	28,35	□
200 x 115	27,80	□	27,80	□	27,80	□	27,40	□
200 x 120	26,80	□	26,80	□	26,80	□	26,45	□
200 x 125	25,75	□	25,75	□	25,75	□	25,40	□
200 x 130	24,65	□	24,65	□	24,65	□	24,30	□
200 x 135	23,50	□	23,50	□	23,50	□	23,20	□
200 x 140	22,30	□	22,30	□	22,30	□	22,05	□
200 x 145	21,10	□	21,10	□	21,10	□	20,80	□
200 x 150	19,80	□	19,80	□	19,80	□	19,55	□
200 x 155	18,50	□	18,50	□	18,50	□	18,25	□
200 x 160	17,15	☒	17,15	□	17,15	□	16,90	□
200 x 165	15,75	□	15,75	□	15,75	□	15,55	□
200 x 170	14,30	□	14,30	□	14,30	□	14,10	□
200 x 175	12,80	□	12,80	□	12,80	□	12,60	□
200 x 180	11,25	□	11,25	□	11,25	□	11,10	□
210 x 70	38,70	□	38,70	□	38,70	□	38,20	□
210 x 75	38,10	□	38,10	□	38,10	□	37,65	□
210 x 80	37,50	□	37,50	□	37,50	□	37,00	□
210 x 85	36,80	□	36,80	□	36,80	□	36,30	□
210 x 90	36,05	□	36,05	□	36,05	□	35,60	□
210 x 95	35,30	□	35,30	□	35,30	□	34,80	□
210 x 100	34,45	□	34,45	□	34,45	□	34,00	□
210 x 105	33,60	□	33,60	□	33,60	□	33,15	□
210 x 110	32,70	□	32,70	□	32,70	□	32,25	□
210 x 115	31,70	□	31,70	□	31,70	□	31,30	□
210 x 120	30,70	□	30,70	□	30,70	□	30,30	□
210 x 125	29,65	□	29,65	□	29,65	□	29,30	□
210 x 130	28,60	□	28,60	□	28,60	□	28,20	□
210 x 135	27,45	□	27,45	□	27,45	□	27,10	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
	Standard length per piece: [1000 mm]				[kg/pce]		[kg/pce]	
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]
210 x 140	26,25	□	26,25	□	26,25	□	25,90	□
210 x 145	25,05	□	25,05	□	25,05	□	24,70	□
210 x 150	23,75	□	23,75	□	23,75	□	23,45	□
210 x 155	22,45	□	22,45	□	22,45	□	22,15	□
210 x 160	21,10	□	21,10	□	21,10	□	20,80	□
210 x 165	19,65	□	19,65	□	19,65	□	19,40	□
210 x 170	18,20	□	18,20	□	18,20	□	18,00	□
210 x 175	16,70	□	16,70	□	16,70	□	16,50	□
210 x 180	15,20	□	15,20	□	15,20	□	15,00	□
210 x 185	13,60	□	13,60	□	13,60	□	13,40	□
210 x 190	11,95	□	11,95	□	11,95	□	11,80	□
220 x 95	40,00	□	40,00	□	40,00	□	39,50	□
220 x 100	39,20	□	39,20	□	39,20	□	38,65	□
220 x 105	38,30	□	38,30	□	38,30	□	37,80	□
220 x 110	37,40	□	37,40	□	37,40	□	36,90	□
220 x 115	36,45	□	36,45	□	36,45	□	35,95	□
220 x 120	35,45	□	35,45	□	35,45	□	35,00	□
220 x 125	34,40	□	34,40	□	34,40	□	33,95	□
220 x 130	33,30	□	33,30	□	33,30	□	32,85	□
220 x 135	32,15	□	32,15	□	32,15	□	31,75	□
220 x 140	31,00	□	31,00	□	31,00	□	30,60	□
220 x 145	29,75	□	29,75	□	29,75	□	29,35	□
220 x 150	28,50	□	28,50	□	28,50	□	28,10	□
220 x 155	27,15	□	27,15	□	27,15	□	26,80	□
220 x 160	25,80	□	25,80	□	25,80	□	25,45	□
220 x 165	24,40	□	24,40	□	24,40	□	24,10	□
220 x 170	22,95	□	22,95	□	22,95	□	22,65	□
220 x 175	21,45	□	21,45	□	21,45	□	21,15	□
220 x 180	19,90	□	19,90	□	19,90	□	19,65	□
220 x 185	18,30	□	18,30	□	18,30	□	18,10	□
220 x 190	16,70	□	16,70	□	16,70	□	16,45	□
220 x 195	15,00	□	15,00	□	15,00	□	14,80	□
220 x 200	13,30	□	13,30	□	13,30	□	13,10	□
225 x 110	39,70	□	39,70	□	39,70	□	39,20	□
225 x 115	38,75	□	38,75	□	38,75	□	38,25	□
225 x 120	37,75	□	37,75	□	37,75	□	37,25	□
225 x 125	36,70	□	36,70	□	36,70	□	36,25	□
225 x 130	35,65	□	35,65	□	35,65	□	35,15	□
225 x 135	34,50	□	34,50	□	34,50	□	34,05	□
225 x 140	33,35	□	33,35	□	33,35	□	32,90	□
225 x 145	32,10	□	32,10	□	32,10	□	31,70	□
225 x 150	30,85	□	30,85	□	30,85	□	30,45	□
225 x 155	29,55	□	29,55	□	29,55	□	29,15	□
225 x 160	28,20	□	28,20	□	28,20	□	27,80	□
225 x 165	26,80	□	26,80	□	26,80	□	26,45	□
225 x 170	25,35	□	25,35	□	25,35	□	25,00	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES

Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
			Standard length per piece: [1000 mm]					
	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
225 x 175	23,85	□	23,85	□	23,85	□	23,55	□
225 x 180	22,30	□	22,30	□	22,30	□	22,05	□
225 x 185	20,75	□	20,75	□	20,75	□	20,50	□
225 x 190	19,10	□	19,10	□	19,10	□	18,90	□
225 x 195	17,45	□	17,45	□	17,45	□	17,25	□
225 x 200	15,75	□	15,75	□	15,75	□	15,55	□
225 x 205	14,00	□	14,00	□	14,00	□	13,80	□
230 x 120	39,95	□	39,95	□	39,95	□	39,40	□
230 x 125	38,90	□	38,90	□	38,90	□	38,40	□
230 x 130	37,80	□	37,80	□	37,80	□	37,35	□
230 x 135	36,70	□	36,70	□	36,70	□	36,20	□
230 x 140	35,50	□	35,50	□	35,50	□	35,05	□
230 x 145	34,30	□	34,30	□	34,30	□	33,85	□
230 x 150	33,05	□	33,05	□	33,05	□	32,60	□
230 x 155	31,75	□	31,75	□	31,75	□	31,30	□
230 x 160	30,40	□	30,40	□	30,40	□	30,00	□
230 x 165	29,00	□	29,00	□	29,00	□	28,60	□
230 x 170	27,55	□	27,55	□	27,55	□	27,20	□
230 x 175	26,05	□	26,05	□	26,05	□	25,70	□
230 x 180	24,50	□	24,50	□	24,50	□	24,20	□
230 x 185	22,95	□	22,95	□	22,95	□	22,65	□
230 x 190	21,30	□	21,30	□	21,30	□	21,05	□
230 x 195	19,65	□	19,65	□	19,65	□	19,40	□
230 x 200	17,95	□	17,95	□	17,95	□	17,70	□
230 x 205	16,15	□	16,15	□	16,15	□	15,95	□
230 x 210	14,35	□	14,35	□	14,35	□	14,20	□
240 x 140	39,90	□	39,90	□	39,90	□	39,40	□
240 x 145	38,70	□	38,70	□	38,70	□	38,20	□
240 x 150	37,45	□	37,45	□	37,45	□	36,95	□
240 x 155	36,10	□	36,10	□	36,10	□	35,65	□
240 x 160	34,75	□	34,75	□	34,75	□	34,30	□
240 x 165	33,35	□	33,35	□	33,35	□	32,95	□
240 x 170	31,90	□	31,90	□	31,90	□	31,50	□
240 x 175	30,45	□	30,45	□	30,45	□	30,05	□
240 x 180	28,90	□	28,90	□	28,90	□	28,55	□
240 x 185	27,30	□	27,30	□	27,30	□	26,95	□
240 x 190	25,70	□	25,70	□	25,70	□	25,35	□
240 x 195	24,05	□	24,05	□	24,05	□	23,70	□
240 x 200	22,30	□	22,30	□	22,30	□	22,05	□
240 x 205	20,55	□	20,55	□	20,55	□	20,30	□
240 x 210	18,75	□	18,75	□	18,75	□	18,50	□
240 x 215	16,90	□	16,90	□	16,90	□	16,70	□
240 x 220	15,00	□	15,00	□	15,00	□	14,80	□
250 x 160	39,40	□	39,40	□	39,40	□	38,85	□
250 x 165	38,00	□	38,00	□	38,00	□	37,50	□
250 x 170	36,55	□	36,55	□	36,55	□	36,05	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]

Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES							
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]		
250 x 175	35,05	□	35,05	□	35,05	□	34,60
250 x 180	33,50	□	33,50	□	33,50	□	33,10
250 x 185	31,95	□	31,95	□	31,95	□	31,50
250 x 190	30,30	□	30,30	□	30,30	□	29,90
250 x 195	28,65	□	28,65	□	28,65	□	28,25
250 x 200	26,95	□	26,95	□	26,95	□	26,60
250 x 205	25,15	□	25,15	□	25,15	□	24,85
250 x 210	23,35	□	23,35	□	23,35	□	23,05
250 x 215	21,50	□	21,50	□	21,50	□	21,25
250 x 220	19,65	□	19,65	□	19,65	□	19,35
250 x 225	17,70	□	17,70	□	17,70	□	17,45
250 x 230	15,70	□	15,70	□	15,70	□	15,50
260 x 175	40,35	□	40,35	□	40,35	□	39,85
260 x 180	38,85	□	38,85	□	38,85	□	38,35
260 x 185	37,30	□	37,30	□	37,30	□	36,80
260 x 190	35,65	□	35,65	□	35,65	□	35,20
260 x 195	34,00	□	34,00	□	34,00	□	33,60
260 x 200	32,30	□	32,30	□	32,30	□	31,90
260 x 205	30,55	□	30,55	□	30,55	□	30,15
260 x 210	28,80	□	28,80	□	28,80	□	28,40
260 x 215	26,95	□	26,95	□	26,95	□	26,60
260 x 220	25,05	□	25,05	□	25,05	□	24,75
260 x 225	23,15	□	23,15	□	23,15	□	22,85
260 x 230	21,15	□	21,15	□	21,15	□	20,90
260 x 235	19,15	■	19,15	□	19,15	□	18,90



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improved availability possible upon customer planning, minimum order quantity 1 piece]

Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES

Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
			Standard length per piece: [600 mm]					
	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
220 x 70	26,45	□	26,45	□	26,45	□	26,10	□
220 x 75	26,05	□	26,05	□	26,05	□	25,70	□
220 x 80	25,65	□	25,65	□	25,65	□	25,35	□
220 x 85	25,25	□	25,25	□	25,25	□	24,90	□
220 x 90	24,80	□	24,80	□	24,80	□	24,50	□
225 x 70	27,80	□	27,80	□	27,80	□	27,40	□
225 x 75	27,40	□	27,40	□	27,40	□	27,05	□
225 x 80	27,05	□	27,05	□	27,05	□	26,70	□
225 x 85	26,60	□	26,60	□	26,60	□	26,30	□
225 x 90	26,20	□	26,20	□	26,20	□	25,85	□
225 x 95	25,70	□	25,70	□	25,70	□	25,40	□
225 x 100	25,20	□	25,20	□	25,20	□	24,90	□
225 x 105	24,70	□	24,70	□	24,70	□	24,40	□
230 x 70	29,10	□	29,10	□	29,10	□	28,75	□
230 x 75	28,75	□	28,75	□	28,75	□	28,40	□
230 x 80	28,35	□	28,35	□	28,35	□	28,00	□
230 x 85	27,95	□	27,95	□	27,95	□	27,60	□
230 x 90	27,50	□	27,50	□	27,50	□	27,15	□
230 x 95	27,05	□	27,05	□	27,05	□	26,70	□
230 x 100	26,55	□	26,55	□	26,55	□	26,20	□
230 x 105	26,05	□	26,05	□	26,05	□	25,70	□
230 x 110	25,50	□	25,50	□	25,50	□	25,15	□
230 x 115	24,90	□	24,90	□	24,90	□	24,60	□
240 x 70	31,80	□	31,80	□	31,80	□	31,35	□
240 x 75	31,40	□	31,40	□	31,40	□	31,00	□
240 x 80	31,05	□	31,05	□	31,05	□	30,65	□
240 x 85	30,60	□	30,60	□	30,60	□	30,25	□
240 x 90	30,20	□	30,20	□	30,20	□	29,80	□
240 x 95	29,70	□	29,70	□	29,70	□	29,35	□
240 x 100	29,20	□	29,20	□	29,20	□	28,85	□
240 x 105	28,70	□	28,70	□	28,70	□	28,35	□
240 x 110	28,15	□	28,15	□	28,15	□	27,80	□
240 x 115	27,55	□	27,55	□	27,55	□	27,20	□
240 x 120	26,95	□	26,95	□	26,95	□	26,60	□
240 x 125	26,35	□	26,35	□	26,35	□	26,00	□
240 x 130	25,70	□	25,70	□	25,70	□	25,35	□
240 x 135	25,00	□	25,00	□	25,00	□	24,65	□
250 x 70	34,60	□	34,60	□	34,60	□	34,15	□
250 x 75	34,25	□	34,25	□	34,25	□	33,80	□
250 x 80	33,85	□	33,85	□	33,85	□	33,40	□
250 x 85	33,45	□	33,45	□	33,45	□	33,00	□
250 x 90	33,00	□	33,00	□	33,00	□	32,55	□
250 x 95	32,50	□	32,50	□	32,50	□	32,10	□
250 x 100	32,05	□	32,05	□	32,05	□	31,60	□
250 x 105	31,50	□	31,50	□	31,50	□	31,10	□
250 x 110	30,95	□	30,95	□	30,95	□	30,55	□

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Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	
250 x 115	30,40	□	30,40	□	30,40	□	30,00	□
250 x 120	29,75	□	29,75	□	29,75	□	29,40	□
250 x 125	29,15	□	29,15	□	29,15	□	28,75	□
250 x 130	28,50	□	28,50	□	28,50	□	28,10	□
250 x 135	27,80	□	27,80	□	27,80	□	27,45	□
250 x 140	27,10	□	27,10	□	27,10	□	26,75	□
250 x 145	26,35	□	26,35	□	26,35	□	26,00	□
250 x 150	25,55	□	25,55	□	25,55	□	25,25	□
250 x 155	24,80	□	24,80	□	24,80	□	24,45	□
260 x 70	37,70	□	37,70	□	37,70	□	37,20	□
260 x 75	37,35	□	37,35	□	37,35	□	36,85	□
260 x 80	36,95	□	36,95	□	36,95	□	36,45	□
260 x 85	36,55	□	36,55	□	36,55	□	36,05	□
260 x 90	36,10	□	36,10	□	36,10	□	35,65	□
260 x 95	35,65	□	35,65	□	35,65	□	35,20	□
260 x 100	35,15	□	35,15	□	35,15	□	34,70	□
260 x 105	34,65	□	34,65	□	34,65	□	34,20	□
260 x 110	34,10	□	34,10	□	34,10	□	33,65	□
260 x 115	33,55	□	33,55	□	33,55	□	33,10	□
260 x 120	32,95	□	32,95	□	32,95	□	32,50	□
260 x 125	32,30	□	32,30	□	32,30	□	31,90	□
260 x 130	31,65	□	31,65	□	31,65	□	31,25	□
260 x 135	31,00	□	31,00	□	31,00	□	30,60	□
260 x 140	30,30	□	30,30	□	30,30	□	29,90	□
260 x 145	29,55	□	29,55	□	29,55	□	29,15	□
260 x 150	28,80	□	28,80	□	28,80	□	28,40	□
260 x 155	28,00	□	28,00	□	28,00	□	27,65	□
260 x 160	27,20	□	27,20	□	27,20	□	26,80	□
260 x 165	26,35	□	26,35	□	26,35	□	26,00	□
260 x 170	25,45	□	25,45	□	25,45	□	25,15	□
270 x 70	40,65	□	40,65	□	40,65	□	40,10	□
270 x 75	40,30	□	40,30	□	40,30	□	39,75	□
270 x 80	39,90	□	39,90	□	39,90	□	39,40	□
270 x 85	39,50	□	39,50	□	39,50	□	39,00	□
270 x 90	39,05	□	39,05	□	39,05	□	38,55	□
270 x 95	38,60	□	38,60	□	38,60	□	38,10	□
270 x 100	38,10	□	38,10	□	38,10	□	37,60	□
270 x 105	37,60	□	37,60	□	37,60	□	37,10	□
270 x 110	37,05	□	37,05	□	37,05	□	36,55	□
270 x 115	36,50	□	36,50	□	36,50	□	36,00	□
270 x 120	35,90	□	35,90	□	35,90	□	35,40	□
270 x 125	35,25	□	35,25	□	35,25	□	34,80	□
270 x 130	34,60	□	34,60	□	34,60	□	34,15	□
270 x 135	33,95	□	33,95	□	33,95	□	33,50	□
270 x 140	33,20	□	33,20	□	33,20	□	32,80	□
270 x 145	32,50	□	32,50	□	32,50	□	32,05	□

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Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES

Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
			Standard length per piece: [600 mm]					
	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
270 x 150	31,75	□	31,75	□	31,75	□	31,30	□
270 x 155	30,95	□	30,95	□	30,95	□	30,55	□
270 x 160	30,10	□	30,10	□	30,10	□	29,75	□
270 x 165	29,30	□	29,30	□	29,30	□	28,90	□
270 x 170	28,40	□	28,40	□	28,40	□	28,05	□
270 x 175	27,50	□	27,50	□	27,50	□	27,15	□
270 x 180	26,60	□	26,60	□	26,60	□	26,25	□
270 x 185	25,65	□	25,65	□	25,65	□	25,30	□
270 x 190	24,65	□	24,65	□	24,65	□	24,35	□
270 x 195	23,65	□	23,65	□	23,65	□	23,35	□
270 x 200	22,60	□	22,60	□	22,60	□	22,30	□
270 x 205	21,55	□	21,55	□	21,55	□	21,25	□
270 x 210	20,45	□	20,45	□	20,45	□	20,20	□
270 x 215	19,35	□	19,35	□	19,35	■	19,10	□
270 x 220	18,20	□	18,20	□	18,20	□	17,95	□
270 x 225	17,00	□	17,00	□	17,00	□	16,80	□
270 x 230	15,80	□	15,80	□	15,80	□	15,60	□
270 x 235	14,60	□	14,60	□	14,60	□	14,40	□
270 x 240	13,35	□	13,35	□	13,35	□	13,15	□
270 x 245	12,05	□	12,05	□	12,05	□	11,90	□
275 x 70	42,55	□	42,55	□	42,55	□	42,00	□
275 x 75	42,20	□	42,20	□	42,20	□	41,65	□
275 x 80	41,85	□	41,85	□	41,85	□	41,30	□
275 x 85	41,45	□	41,45	□	41,45	□	40,90	□
275 x 90	41,00	□	41,00	□	41,00	□	40,45	□
275 x 95	40,55	□	40,55	□	40,55	□	40,00	□
275 x 100	40,05	□	40,05	□	40,05	□	39,55	□
275 x 105	39,55	□	39,55	□	39,55	□	39,00	□
275 x 110	39,00	□	39,00	□	39,00	□	38,50	□
275 x 115	38,40	□	38,40	□	38,40	□	37,90	□
275 x 120	37,85	□	37,85	□	37,85	□	37,35	□
275 x 125	37,20	□	37,20	□	37,20	□	36,70	□
275 x 130	36,55	□	36,55	□	36,55	□	36,05	□
275 x 135	35,85	□	35,85	□	35,85	□	35,40	□
275 x 140	35,15	□	35,15	□	35,15	□	34,70	□
275 x 145	34,45	□	34,45	□	34,45	□	34,00	□
275 x 150	33,65	□	33,65	□	33,65	□	33,25	□
275 x 155	32,90	□	32,90	□	32,90	□	32,45	□
275 x 160	32,05	□	32,05	□	32,05	□	31,65	□
275 x 165	31,20	□	31,20	□	31,20	□	30,80	□
275 x 170	30,35	□	30,35	□	30,35	□	29,95	□
275 x 175	29,45	□	29,45	□	29,45	□	29,05	□
275 x 180	28,50	□	28,50	□	28,50	□	28,15	□
275 x 185	27,55	□	27,55	□	27,55	□	27,20	□
275 x 190	26,60	□	26,60	□	26,60	□	26,25	□
275 x 195	25,60	□	25,60	□	25,60	□	25,25	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	
275 x 200	24,55	□	24,55	□	24,55	□	24,25	□
275 x 205	23,50	□	23,50	□	23,50	□	23,20	□
275 x 210	22,40	□	22,40	□	22,40	□	22,10	□
275 x 215	21,30	□	21,30	□	21,30	□	21,00	□
275 x 220	20,15	□	20,15	□	20,15	□	19,85	□
275 x 225	18,95	□	18,95	□	18,95	□	18,70	□
275 x 230	17,75	□	17,75	□	17,75	□	17,55	□
275 x 235	16,55	□	16,55	□	16,55	□	16,30	□
275 x 240	15,30	□	15,30	□	15,30	□	15,10	□
275 x 245	14,00	□	14,00	□	14,00	□	13,80	□
275 x 250	12,70	□	12,70	□	12,70	□	12,55	□
280 x 70	43,95	□	43,95	□	43,95	□	43,40	□
280 x 75	43,60	□	43,60	□	43,60	□	43,05	□
280 x 80	43,20	□	43,20	□	43,20	□	42,65	□
280 x 85	42,80	□	42,80	□	42,80	□	42,25	□
280 x 90	42,40	□	42,40	□	42,40	□	41,85	□
280 x 95	41,90	□	41,90	□	41,90	□	41,40	□
280 x 100	41,45	□	41,45	□	41,45	□	40,90	□
280 x 105	40,90	□	40,90	□	40,90	□	40,40	□
280 x 110	40,40	□	40,40	□	40,40	□	39,85	□
280 x 115	39,80	□	39,80	□	39,80	□	39,30	□
280 x 120	39,20	□	39,20	□	39,20	□	38,70	□
280 x 125	38,60	□	38,60	□	38,60	□	38,10	□
280 x 130	37,95	□	37,95	□	37,95	□	37,45	□
280 x 135	37,25	□	37,25	□	37,25	□	36,75	□
280 x 140	36,55	□	36,55	□	36,55	□	36,05	□
280 x 145	35,80	□	35,80	□	35,80	□	35,35	□
280 x 150	35,05	□	35,05	□	35,05	□	34,60	□
280 x 155	34,25	□	34,25	□	34,25	□	33,80	□
280 x 160	33,45	□	33,45	□	33,45	□	33,00	□
280 x 165	32,60	□	32,60	□	32,60	□	32,20	□
280 x 170	31,75	□	31,75	□	31,75	□	31,30	□
280 x 175	30,85	□	30,85	□	30,85	□	30,45	□
280 x 180	29,90	□	29,90	□	29,90	□	29,50	□
280 x 185	28,95	□	28,95	□	28,95	□	28,60	□
280 x 190	27,95	□	27,95	□	27,95	□	27,60	□
280 x 195	26,95	□	26,95	□	26,95	□	26,60	□
280 x 200	25,95	□	25,95	□	25,95	□	25,60	□
280 x 205	24,85	□	24,85	□	24,85	□	24,55	□
280 x 210	23,80	□	23,80	□	23,80	□	23,45	□
280 x 215	22,65	□	22,65	□	22,65	□	22,35	□
280 x 220	21,50	□	21,50	□	21,50	□	21,25	□
280 x 225	20,35	□	20,35	□	20,35	□	20,10	□
280 x 230	19,15	□	19,15	□	19,15	□	18,90	□
280 x 235	17,90	□	17,90	□	17,90	□	17,70	□
280 x 240	16,65	□	16,65	□	16,65	□	16,45	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES

Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
			Standard length per piece: [600 mm]					
	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
280 x 245	15,40	□	15,40	□	15,40	□	15,20	□
280 x 250	14,05	□	14,05	□	14,05	□	13,90	□
280 x 255	12,75	□	12,75	□	12,75	□	12,55	□
290 x 70	47,05	□	47,05	□	47,05	□	46,45	□
290 x 75	46,70	□	46,70	□	46,70	□	46,10	□
290 x 80	46,35	□	46,35	□	46,35	□	45,75	□
290 x 85	45,95	□	45,95	□	45,95	□	45,35	□
290 x 90	45,50	□	45,50	□	45,50	□	44,90	□
290 x 95	45,05	□	45,05	□	45,05	□	44,45	□
290 x 100	44,55	□	44,55	□	44,55	□	44,00	□
290 x 105	44,05	□	44,05	□	44,05	□	43,45	□
290 x 110	43,50	□	43,50	□	43,50	□	42,95	□
290 x 115	42,95	□	42,95	□	42,95	□	42,35	□
290 x 120	42,35	□	42,35	□	42,35	□	41,80	□
290 x 125	41,70	□	41,70	□	41,70	□	41,15	□
290 x 130	41,05	□	41,05	□	41,05	□	40,50	□
290 x 135	40,40	□	40,40	□	40,40	□	39,85	□
290 x 140	39,65	□	39,65	□	39,65	□	39,15	□
290 x 145	38,95	□	38,95	□	38,95	□	38,45	□
290 x 150	38,15	□	38,15	□	38,15	□	37,70	□
290 x 155	37,40	□	37,40	□	37,40	□	36,90	□
290 x 160	36,55	□	36,55	□	36,55	□	36,10	□
290 x 165	35,75	□	35,75	□	35,75	□	35,25	□
290 x 170	34,85	□	34,85	□	34,85	□	34,40	□
290 x 175	33,95	□	33,95	□	33,95	□	33,50	□
290 x 180	33,05	□	33,05	□	33,05	□	32,60	□
290 x 185	32,10	□	32,10	□	32,10	□	31,65	□
290 x 190	31,10	□	31,10	□	31,10	□	30,70	□
290 x 195	30,10	□	30,10	□	30,10	□	29,70	□
290 x 200	29,05	□	29,05	□	29,05	□	28,70	□
290 x 205	28,00	□	28,00	□	28,00	□	27,65	□
290 x 210	26,90	□	26,90	□	26,90	□	26,55	□
290 x 215	25,80	□	25,80	□	25,80	□	25,45	□
290 x 220	24,65	□	24,65	□	24,65	□	24,30	□
290 x 225	23,45	□	23,45	□	23,45	□	23,15	□
290 x 230	22,25	□	22,25	□	22,25	□	22,00	□
290 x 235	21,05	□	21,05	□	21,05	□	20,75	□
290 x 240	19,80	□	19,80	□	19,80	□	19,55	□
290 x 245	18,50	□	18,50	□	18,50	□	18,25	□
290 x 250	17,20	□	17,20	□	17,20	□	16,95	□
290 x 255	15,85	□	15,85	□	15,85	□	15,65	□
290 x 260	14,50	□	14,50	□	14,50	□	14,30	□
290 x 265	13,10	□	13,10	□	13,10	□	12,95	□
300 x 80	49,75	□	49,75	□	49,75	□	49,10	□
300 x 85	49,35	□	49,35	□	49,35	□	48,70	□
300 x 90	48,95	□	48,95	□	48,95	□	48,30	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	
300 x 95	48,45	□	48,45	□	48,45	□	47,85	□
300 x 100	48,00	□	48,00	□	48,00	□	47,35	□
300 x 105	47,45	□	47,45	□	47,45	□	46,85	□
300 x 110	46,90	□	46,90	□	46,90	□	46,30	□
300 x 115	46,35	□	46,35	□	46,35	□	45,75	□
300 x 120	45,75	□	45,75	□	45,75	□	45,15	□
300 x 125	45,15	□	45,15	□	45,15	□	44,55	□
300 x 130	44,50	□	44,50	□	44,50	□	43,90	□
300 x 135	43,80	□	43,80	□	43,80	□	43,25	□
300 x 140	43,10	□	43,10	□	43,10	□	42,55	□
300 x 145	42,35	□	42,35	□	42,35	□	41,80	□
300 x 150	41,60	□	41,60	□	41,60	□	41,05	□
300 x 155	40,80	□	40,80	□	40,80	□	40,25	□
300 x 160	40,00	□	40,00	□	40,00	□	39,45	□
300 x 165	39,15	□	39,15	□	39,15	□	38,65	□
300 x 170	38,25	□	38,25	□	38,25	□	37,80	□
300 x 175	37,40	□	37,40	□	37,40	□	36,90	□
300 x 180	36,45	□	36,45	□	36,45	□	36,00	□
300 x 185	35,50	□	35,50	□	35,50	□	35,05	□
300 x 190	34,50	□	34,50	□	34,50	□	34,05	□
300 x 195	33,50	□	33,50	□	33,50	□	33,05	□
300 x 200	32,45	□	32,45	□	32,45	□	32,05	□
300 x 205	31,40	□	31,40	□	31,40	□	31,00	□
300 x 210	30,30	□	30,30	□	30,30	□	29,95	□
300 x 215	29,20	□	29,20	□	29,20	□	28,80	□
300 x 220	28,05	□	28,05	□	28,05	□	27,70	□
300 x 225	26,90	□	26,90	□	26,90	□	26,65	□
300 x 230	25,70	□	25,70	□	25,70	□	25,35	□
300 x 235	24,45	□	24,45	□	24,45	□	24,15	□
300 x 240	23,20	□	23,20	□	23,20	□	22,90	□
300 x 245	21,90	□	21,90	□	21,90	□	21,65	□
300 x 250	20,60	□	20,60	□	20,60	□	20,35	□
300 x 255	19,30	□	19,30	□	19,30	□	19,05	□
300 x 260	17,90	□	17,90	□	17,90	□	17,70	□
300 x 265	16,50	□	16,50	□	16,50	□	16,30	□
300 x 270	15,10	□	15,10	□	15,10	□	14,90	□
300 x 275	13,65	□	13,65	□	13,65	□	13,50	□
325 x 80	58,85	□	58,85	□	58,85	□	58,10	□
325 x 85	58,45	□	58,45	□	58,45	□	57,70	□
325 x 90	58,05	□	58,05	□	58,05	□	57,25	□
325 x 95	57,55	□	57,55	□	57,55	□	56,85	□
325 x 100	57,10	□	57,10	□	57,10	□	56,35	□
325 x 105	56,60	□	56,60	□	56,60	□	55,85	□
325 x 110	56,05	□	56,05	□	56,05	□	55,30	□
325 x 115	55,50	□	55,50	□	55,50	□	54,75	□
325 x 120	54,90	□	54,90	□	54,90	□	54,20	□

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Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
	Standard length per piece: [600 mm]				[kg/pce]		[kg/pce]	
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]
325 x 125	54,30	□	54,30	□	54,30	□	53,55	□
325 x 130	53,65	□	53,65	□	53,65	□	52,95	□
325 x 135	52,95	□	52,95	□	52,95	□	52,25	□
325 x 140	52,25	□	52,25	□	52,25	□	51,60	□
325 x 145	51,55	□	51,55	□	51,55	□	50,85	□
325 x 150	50,80	□	50,80	□	50,80	□	50,10	□
325 x 155	50,00	□	50,00	□	50,00	□	49,35	□
325 x 160	49,20	□	49,20	□	49,20	□	48,55	□
325 x 165	48,35	□	48,35	□	48,35	□	47,70	□
325 x 170	47,50	□	47,50	□	47,50	□	46,85	□
325 x 175	46,60	□	46,60	□	46,60	□	46,00	□
325 x 180	45,70	□	45,70	□	45,70	□	45,10	□
325 x 185	44,75	□	44,75	□	44,75	□	44,15	□
325 x 190	43,75	□	43,75	□	43,75	□	43,20	□
325 x 195	42,75	□	42,75	□	42,75	□	42,20	□
325 x 200	41,75	□	41,75	□	41,75	□	41,20	□
325 x 205	40,65	□	40,65	□	40,65	□	40,15	□
325 x 210	39,60	□	39,60	□	39,60	□	39,10	□
325 x 215	38,50	□	38,50	□	38,50	□	38,00	□
325 x 220	37,35	□	37,35	□	37,35	□	36,85	□
325 x 225	36,20	□	36,20	□	36,20	□	35,70	□
325 x 230	35,00	□	35,00	□	35,00	□	34,55	□
325 x 235	33,75	□	33,75	□	33,75	□	33,35	□
325 x 240	32,50	□	32,50	□	32,50	□	32,10	□
325 x 245	31,25	□	31,25	□	31,25	□	30,85	□
325 x 250	29,95	□	29,95	□	29,95	□	29,55	□
325 x 255	28,60	□	28,60	□	28,60	□	28,25	□
325 x 260	27,25	□	27,25	□	27,25	□	26,90	□
325 x 265	25,85	□	25,85	□	25,85	□	25,55	□
325 x 270	24,45	□	24,45	□	24,45	□	24,15	□
325 x 275	23,00	□	23,00	□	23,00	□	22,70	□
325 x 280	21,55	□	21,55	□	21,55	□	21,25	□
325 x 285	20,05	□	20,05	□	20,05	□	19,80	□
325 x 290	18,55	□	18,55	□	18,55	□	18,30	□
325 x 295	17,00	□	17,00	□	17,00	□	16,75	□
325 x 300	15,40	□	15,40	□	15,40	□	15,40	□
350 x 90	67,75	□	67,75	□	67,75	□	66,85	□
350 x 95	67,30	□	67,30	□	67,30	□	66,40	□
350 x 100	66,80	□	66,80	□	66,80	□	65,95	□
350 x 105	66,30	□	66,30	□	66,30	□	65,45	□
350 x 110	65,75	□	65,75	□	65,75	□	64,90	□
350 x 115	65,20	□	65,20	□	65,20	□	64,35	□
350 x 120	64,60	□	64,60	□	64,60	□	63,75	□
350 x 125	64,00	□	64,00	□	64,00	□	63,15	□
350 x 130	63,35	□	63,35	□	63,35	□	62,50	□
350 x 135	62,65	□	62,65	□	62,65	□	61,85	□

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

▢ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;

improved availability possible upon customer planning, minimum order quantity 1 piece]

Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
	Standard length per piece: [600 mm]				[kg/pce]		[kg/pce]	
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]
350 x 140	61,95	□	61,95	□	61,95	□	61,15	□
350 x 145	61,25	□	61,25	□	61,25	□	60,45	□
350 x 150	60,50	□	60,50	□	60,50	□	59,70	□
350 x 155	59,70	□	59,70	□	59,70	□	58,95	□
350 x 160	58,90	□	58,90	□	58,90	□	58,15	□
350 x 165	58,05	□	58,05	□	58,05	□	57,30	□
350 x 170	57,20	□	57,20	□	57,20	□	56,45	□
350 x 175	56,30	□	56,30	□	56,30	□	55,55	□
350 x 180	55,40	□	55,40	□	55,40	□	54,65	□
350 x 185	54,45	□	54,45	□	54,45	□	53,75	□
350 x 190	53,45	□	53,45	□	53,45	□	52,75	□
350 x 195	52,45	□	52,45	□	52,45	□	51,80	□
350 x 200	51,45	□	51,45	□	51,45	□	50,75	□
350 x 205	50,40	□	50,40	□	50,40	□	49,70	□
350 x 210	49,30	□	49,30	□	49,30	□	48,65	□
350 x 215	48,20	□	48,20	□	48,20	□	47,55	□
350 x 220	47,05	□	47,05	□	47,05	□	46,45	□
350 x 225	45,90	□	45,90	□	45,90	□	45,30	□
350 x 230	44,70	□	44,70	□	44,70	□	44,10	□
350 x 235	43,45	□	43,45	□	43,45	□	42,90	□
350 x 240	42,20	□	42,20	□	42,20	□	41,65	□
350 x 245	40,95	□	40,95	□	40,95	□	40,40	□
350 x 250	39,65	□	39,65	□	39,65	□	39,15	□
350 x 255	38,30	□	38,30	□	38,30	□	37,80	□
350 x 260	36,95	□	36,95	□	36,95	□	36,50	□
350 x 265	35,55	□	35,55	□	35,55	□	34,45	□
350 x 270	34,15	□	34,15	□	34,15	□	33,70	□
350 x 275	32,70	□	32,70	□	32,70	□	32,30	□
350 x 280	31,25	□	31,25	□	31,25	□	30,85	□
350 x 285	29,75	□	29,75	□	29,75	□	29,40	□
350 x 290	28,25	□	28,25	□	28,25	□	27,85	□
350 x 295	26,70	□	26,70	□	26,70	□	26,35	□
350 x 300	25,10	□	25,10	□	25,10	□	24,80	□
350 x 305	23,50	□	23,50	□	23,50	□	23,20	□
350 x 310	21,90	□	21,90	□	21,90	□	21,60	□
350 x 315	20,20	□	20,20	□	20,20	□	19,95	□
350 x 320	18,55	□	18,55	□	18,55	□	18,30	□
350 x 325	16,85	□	16,85	□	16,85	□	16,60	□
375 x 100	77,55	□	77,55	□	77,55	□	76,55	□
375 x 110	76,50	□	76,50	□	76,50	□	75,50	□
375 x 120	75,35	□	75,35	□	75,35	□	74,35	□
375 x 130	74,10	□	74,10	□	74,10	□	73,15	□
375 x 140	72,70	□	72,70	□	72,70	□	71,75	□
375 x 150	71,25	□	71,25	□	71,25	□	70,30	□
375 x 160	69,65	□	69,65	□	69,65	□	68,75	□
375 x 170	67,95	□	67,95	□	67,95	□	67,05	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES

Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
			Standard length per piece: [600 mm]					
	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
375 x 180	66,15	□	66,15	□	66,15	□	65,25	□
375 x 190	64,20	□	64,20	□	64,20	□	63,40	□
375 x 200	62,00	□	62,00	□	62,00	□	61,35	□
375 x 210	60,05	□	60,05	□	60,05	□	59,25	□
375 x 220	57,80	□	57,80	□	57,80	□	57,05	□
375 x 230	55,45	□	55,45	□	55,45	□	54,70	□
375 x 240	52,95	□	52,95	□	52,95	□	52,30	□
375 x 250	50,40	□	50,40	□	50,40	□	49,75	□
375 x 260	47,70	□	47,70	□	47,70	□	47,10	□
375 x 270	44,90	□	44,90	□	44,90	□	44,35	□
375 x 280	42,00	□	42,00	□	42,00	□	41,45	□
375 x 290	39,00	□	39,00	□	39,00	□	38,50	□
375 x 300	35,85	□	35,85	□	35,85	□	35,40	□
375 x 310	32,65	□	32,65	□	32,65	□	32,20	□
375 x 320	29,30	□	29,30	□	29,30	□	28,90	□
375 x 330	25,85	□	25,85	□	25,85	□	25,50	□
375 x 340	22,25	□	22,25	□	22,25	□	22,00	□
375 x 350	18,60	□	18,60	□	18,60	□	18,35	□
400 x 110	87,55	□	87,55	□	87,55	□	86,40	□
400 x 120	86,40	□	86,40	□	86,40	□	85,30	□
400 x 130	85,15	□	85,15	□	85,15	□	84,05	□
400 x 140	83,75	□	83,75	□	83,75	□	82,70	□
400 x 150	82,30	□	82,30	□	82,30	□	81,20	□
400 x 160	80,70	□	80,70	□	80,70	□	79,65	□
400 x 170	79,00	□	79,00	□	79,00	□	77,95	□
400 x 180	77,20	□	77,20	□	77,20	□	76,20	□
400 x 190	75,25	□	75,25	□	75,25	□	74,30	□
400 x 200	73,25	□	73,25	□	73,25	□	72,30	□
400 x 210	71,10	□	71,10	□	71,10	□	70,20	□
400 x 220	68,85	□	68,85	□	68,85	□	67,95	□
400 x 230	66,50	□	66,50	□	66,50	□	65,65	□
400 x 240	64,05	□	64,05	□	64,05	□	63,20	□
400 x 250	61,45	□	61,45	□	61,45	□	60,65	□
400 x 260	58,75	□	58,75	□	58,75	□	58,00	□
400 x 270	55,95	□	55,95	□	55,95	□	55,25	□
400 x 280	53,05	□	53,05	□	53,05	□	52,35	□
400 x 290	50,05	□	50,05	□	50,05	□	49,40	□
400 x 300	46,90	□	46,90	□	46,90	□	46,30	□
400 x 310	43,70	□	43,70	□	43,70	□	43,10	□
400 x 320	40,35	□	40,35	□	40,35	□	39,80	□
400 x 330	36,90	□	36,90	□	36,90	□	36,40	□
400 x 340	33,35	□	33,35	□	33,35	□	32,90	□
400 x 350	29,65	□	29,65	□	29,65	□	29,25	□
400 x 360	25,85	□	25,85	□	25,85	□	25,55	□
400 x 370	22,00	□	22,00	□	22,00	□	21,70	□
425 x 120	98,90	□	98,90	□	98,90	□	97,65	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
	Standard length per piece: [600 mm]				[kg/pce]		[kg/pce]	
O.D. x I.D.	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]
425 x 130	97,65	□	97,65	□	97,65	□	96,40	□
425 x 140	96,30	□	96,30	□	96,30	□	95,05	□
425 x 150	94,85	□	94,85	□	94,85	□	93,60	□
425 x 160	93,25	□	93,25	□	93,25	□	92,05	□
425 x 170	91,60	□	91,60	□	91,60	□	90,40	□
425 x 180	89,80	□	89,80	□	89,80	□	88,60	□
425 x 190	87,85	□	87,85	□	87,85	□	86,75	□
425 x 200	85,85	□	85,85	□	85,85	□	84,75	□
425 x 210	83,75	□	83,75	□	83,75	□	82,65	□
425 x 220	81,50	□	81,50	□	81,50	□	80,45	□
425 x 230	79,15	□	79,15	□	79,15	□	78,15	□
425 x 240	76,70	□	76,70	□	76,70	□	75,70	□
425 x 250	74,15	□	74,15	□	74,15	□	73,20	□
425 x 260	71,45	□	71,45	□	71,45	□	70,55	□
425 x 270	68,70	□	68,70	□	68,70	□	67,80	□
425 x 280	65,80	□	65,80	□	65,80	□	64,95	□
425 x 290	62,80	□	62,80	□	62,80	□	62,00	□
425 x 300	59,70	□	59,70	□	59,70	□	58,90	□
425 x 310	56,45	□	56,45	□	56,45	□	55,75	□
425 x 320	53,15	□	53,15	□	53,15	□	52,45	□
425 x 330	49,70	□	49,70	□	49,70	□	49,05	□
425 x 340	46,15	□	46,15	□	46,15	□	45,55	□
425 x 350	42,50	□	42,50	□	42,50	□	41,95	□
425 x 360	38,70	□	38,70	□	38,70	□	38,20	□
425 x 370	34,85	□	34,85	□	34,85	□	34,40	□
425 x 380	30,85	□	30,85	□	30,85	□	30,45	□
425 x 390	26,75	□	26,75	□	26,75	□	26,40	□
425 x 400	22,55	□	22,55	□	22,55	□	22,25	□
450 x 120	111,10	□	111,10	□	111,10	□	109,70	□
450 x 130	109,80	□	109,80	□	109,80	□	108,40	□
450 x 140	108,50	□	108,50	□	108,50	□	107,10	□
450 x 150	107,00	□	107,00	□	107,00	□	105,60	□
450 x 160	105,40	□	105,40	□	105,40	□	104,10	□
450 x 170	103,80	□	103,80	□	103,80	□	102,40	□
450 x 180	102,00	□	102,00	□	102,00	□	100,60	□
450 x 190	100,10	□	100,10	□	100,10	□	98,75	□
450 x 200	98,05	□	98,05	□	98,05	□	96,75	□
450 x 210	95,90	□	95,90	□	95,90	□	94,65	□
450 x 220	93,70	□	93,70	□	93,70	□	92,45	□
450 x 230	91,35	□	91,35	□	91,35	□	90,15	□
450 x 240	88,90	□	88,90	□	88,90	□	87,75	□
450 x 250	86,30	□	86,30	□	86,30	□	85,20	□
450 x 260	83,65	□	83,65	□	83,65	□	82,55	□
450 x 270	80,85	□	80,85	□	80,85	□	79,80	□
450 x 280	77,95	□	77,95	□	77,95	□	76,95	□
450 x 290	74,95	□	74,95	□	74,95	□	74,00	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES

Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
			Standard length per piece: [600 mm]					
	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
450 x 300	71,85	□	71,85	□	71,85	□	70,95	□
450 x 310	68,65	□	68,65	□	68,65	□	67,75	□
450 x 320	65,30	□	65,30	□	65,30	□	64,45	□
450 x 330	61,85	□	61,85	□	61,85	□	61,05	□
450 x 340	58,30	□	58,30	□	58,30	□	57,55	□
450 x 350	54,65	□	54,65	□	54,65	□	53,95	□
450 x 360	50,90	□	50,90	□	50,90	□	50,25	□
450 x 370	47,00	□	47,00	□	47,00	□	46,40	□
450 x 380	43,05	□	43,05	□	43,05	□	42,45	□
450 x 390	38,95	□	38,95	□	38,95	□	38,45	□
450 x 400	34,75	□	34,75	□	34,75	□	34,30	□
450 x 410	30,40	□	30,40	□	30,40	□	30,00	□
450 x 420	26,00	□	26,00	□	26,00	□	25,65	□
475 x 120	127,00	□	127,00	□	127,00	□	125,30	□
475 x 130	125,70	□	125,70	□	125,70	□	124,10	□
475 x 140	124,30	□	124,30	□	124,30	□	122,80	□
475 x 150	122,90	□	122,90	□	122,90	□	121,30	□
475 x 160	121,30	□	121,30	□	121,30	□	119,70	□
475 x 170	119,60	□	119,60	□	119,60	□	118,10	□
475 x 180	117,80	□	117,80	□	117,80	□	116,30	□
475 x 190	115,90	□	115,90	□	115,90	□	114,40	□
475 x 200	113,80	□	113,80	□	113,80	□	112,40	□
475 x 210	111,70	□	111,70	□	111,70	□	110,30	□
475 x 220	109,50	□	109,50	□	109,50	□	108,10	□
475 x 230	107,10	□	107,10	□	107,10	□	105,80	□
475 x 240	104,70	□	104,70	□	104,70	□	103,30	□
475 x 250	102,10	□	102,10	□	102,10	□	100,80	□
475 x 260	99,40	□	99,40	□	99,40	□	98,15	□
475 x 270	96,60	□	96,60	□	96,60	□	95,35	□
475 x 280	93,70	□	93,70	□	93,70	□	92,50	□
475 x 290	90,70	□	90,70	□	90,70	□	89,55	□
475 x 300	87,55	□	87,55	□	87,55	□	86,45	□
475 x 310	84,35	□	84,35	□	84,35	□	83,25	□
475 x 320	81,00	□	81,00	□	81,00	□	79,95	□
475 x 330	77,55	□	77,55	□	77,55	□	76,55	□
475 x 340	73,95	□	73,95	□	73,95	□	73,05	□
475 x 350	70,30	□	70,30	□	70,30	□	69,40	□
475 x 360	66,50	□	66,50	□	66,50	□	65,70	□
475 x 370	62,60	□	62,60	□	62,60	□	61,85	□
475 x 380	58,60	□	58,60	□	58,60	□	57,90	□
475 x 390	54,50	□	54,50	□	54,50	□	53,80	□
475 x 400	50,30	□	50,30	□	50,30	□	49,65	□
475 x 410	45,95	□	45,95	□	45,95	□	45,40	□
475 x 420	41,50	□	41,50	□	41,50	□	41,00	□
475 x 430	36,95	□	36,95	□	36,95	□	36,50	□
475 x 440	32,30	□	32,30	□	32,30	□	31,90	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]

Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
	Standard length per piece: [600 mm]		[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	[kg/pce]	
500 x 200	126,90	□	126,90	□	126,90	□	125,20	□
500 x 210	124,70	□	124,70	□	124,70	□	123,10	□
500 x 220	122,50	□	122,50	□	122,50	□	120,90	□
500 x 230	120,10	□	120,10	□	120,10	□	118,60	□
500 x 240	117,70	□	117,70	□	117,70	□	116,20	□
500 x 250	115,10	□	115,10	□	115,10	□	113,60	□
500 x 260	112,40	□	112,40	□	112,40	□	111,00	□
500 x 270	109,60	□	109,60	□	109,60	□	108,20	□
500 x 280	106,70	□	106,70	□	106,70	□	105,30	□
500 x 290	103,70	□	103,70	□	103,70	□	102,40	□
500 x 300	100,60	□	100,60	□	100,60	□	99,30	□
500 x 310	97,35	□	97,35	□	97,35	□	96,10	□
500 x 320	94,00	□	94,00	□	94,00	□	92,80	□
500 x 330	90,55	□	90,55	□	90,55	□	89,40	□
500 x 340	87,00	□	87,00	□	87,00	□	85,85	□
500 x 350	83,35	□	83,35	□	83,35	□	82,25	□
500 x 360	79,55	□	79,55	□	79,55	□	78,50	□
500 x 370	75,65	□	75,65	□	75,65	□	74,65	□
500 x 380	71,65	□	71,65	□	71,65	□	70,70	□
500 x 390	67,55	□	67,55	□	67,55	□	66,65	□
500 x 400	63,30	□	63,30	□	63,30	□	62,50	□
500 x 410	59,00	□	59,00	□	59,00	□	58,20	□
500 x 420	54,55	□	54,55	□	54,55	□	53,85	□
500 x 430	50,00	□	50,00	□	50,00	□	49,35	□
500 x 440	45,35	□	45,35	□	45,35	□	44,75	□
500 x 450	40,55	□	40,55	□	40,55	□	40,05	□
500 x 460	35,65	□	35,65	□	35,65	□	35,20	□
500 x 470	30,70	□	30,70	□	30,70	□	30,30	□
525 x 270	126,10	□	126,10	□	126,10	□	124,50	□
525 x 280	123,20	□	123,20	□	123,20	□	121,60	□
525 x 290	120,20	□	120,20	□	120,20	□	118,60	□
525 x 300	117,10	□	117,10	□	117,10	□	115,60	□
525 x 310	113,90	□	113,90	□	113,90	□	112,40	□
525 x 320	110,60	□	110,60	□	110,60	□	109,10	□
525 x 330	107,10	□	107,10	□	107,10	□	105,70	□
525 x 340	103,60	□	103,60	□	103,60	□	102,20	□
525 x 350	99,90	□	99,90	□	99,90	□	98,60	□
525 x 360	96,15	□	96,15	□	96,15	□	94,90	□
525 x 370	92,30	□	92,30	□	92,30	□	91,10	□
525 x 380	88,30	□	88,30	□	88,30	□	87,15	□
525 x 390	84,20	□	84,20	□	84,20	□	83,10	□
525 x 400	80,00	□	80,00	□	80,00	□	78,95	□
525 x 410	75,70	□	75,70	□	75,70	□	74,70	□
525 x 420	71,25	□	71,25	□	71,25	□	70,35	□
525 x 430	66,70	□	66,70	□	66,70	□	65,85	□
525 x 440	62,05	□	62,05	□	62,05	□	61,25	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES

Diameters [mm] O.D. x I.D.	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
			Standard length per piece: [600 mm]					
	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
525 x 450	57,30	□	57,30	□	57,30	□	56,55	□
525 x 460	52,45	□	52,45	□	52,45	□	51,75	□
525 x 470	47,50	□	47,50	□	47,50	□	46,85	□
525 x 480	42,40	□	42,40	□	42,40	□	41,85	□
525 x 490	37,20	□	37,20	□	37,20	□	36,70	□
550 x 320	126,70	□	126,70	□	126,70	□	125,10	□
550 x 330	123,30	□	123,30	□	123,30	□	121,70	□
550 x 340	119,70	□	119,70	□	119,70	□	118,20	□
550 x 350	116,10	□	116,10	□	116,10	□	114,60	□
550 x 360	112,30	□	112,30	□	112,30	□	110,80	□
550 x 370	108,40	□	108,40	□	108,40	□	107,00	□
550 x 380	104,40	□	104,40	□	104,40	□	103,10	□
550 x 390	100,30	□	100,30	□	100,30	□	99,05	□
550 x 400	96,15	□	96,15	□	96,15	□	94,90	□
550 x 410	91,80	□	91,80	□	91,80	□	90,65	□
550 x 420	87,40	□	87,40	□	87,40	□	86,25	□
550 x 430	82,85	□	82,85	□	82,85	□	81,80	□
550 x 440	78,20	□	78,20	□	78,20	□	77,20	□
550 x 450	73,45	□	73,45	□	73,45	□	72,50	□
550 x 460	68,60	□	68,60	□	68,60	□	67,70	□
550 x 470	63,60	□	63,60	□	63,60	□	62,80	□
550 x 480	58,55	□	58,55	□	58,55	□	57,80	□
550 x 490	53,35	□	53,35	□	53,35	□	52,65	□
550 x 500	48,05	□	48,05	□	48,05	□	47,40	□
550 x 510	42,60	□	42,60	□	42,60	□	42,05	□
550 x 520	37,10	□	37,10	□	37,10	□	36,60	□
575 x 370	124,60	□	124,60	□	124,60	□	123,00	□
575 x 380	120,60	□	120,60	□	120,60	□	119,10	□
575 x 390	116,50	□	116,50	□	116,50	□	115,00	□
575 x 400	112,30	□	112,30	□	112,30	□	110,90	□
575 x 410	108,00	□	108,00	□	108,00	□	106,60	□
575 x 420	103,60	□	103,60	□	103,60	□	102,30	□
575 x 430	99,05	□	99,05	□	99,05	□	97,80	□
575 x 440	94,40	□	94,40	□	94,40	□	93,20	□
575 x 450	89,65	□	89,65	□	89,65	□	88,50	□
575 x 460	84,80	□	84,80	□	84,80	□	83,70	□
575 x 470	79,80	□	79,80	□	79,80	□	78,80	□
575 x 480	74,75	□	74,75	□	74,75	□	73,75	□
575 x 490	69,55	□	69,55	□	69,55	□	68,65	□
575 x 500	64,25	□	64,25	□	64,25	□	63,40	□
575 x 510	58,80	□	58,80	□	58,80	□	58,05	□
575 x 520	53,30	□	53,30	□	53,30	□	52,60	□
575 x 530	47,65	□	47,65	□	47,65	□	47,05	□
575 x 540	41,90	□	41,90	□	41,90	□	41,40	□
600 x 410	125,60	□	125,60	□	125,60	□	123,90	□
600 x 420	121,10	□	121,10	□	121,10	□	119,60	□

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Ertalon®



Polyamide [PA 6] [PA 6 + OIL]

Ertalon® 6 PLA natural/black

Ertalon® 6 XAU+

Ertalon® LFX

TUBES								
Diameters [mm]	Ertalon® 6 PLA natural		Ertalon® 6 PLA black		Ertalon® 6 XAU+		Ertalon® LFX	
O.D. x I.D.	[kg/pce]		[kg/pce]		[kg/pce]		[kg/pce]	
600 x 430	116,60	<input type="checkbox"/>	116,60	<input type="checkbox"/>	116,60	<input type="checkbox"/>	115,10	<input type="checkbox"/>
600 x 440	111,90	<input type="checkbox"/>	111,90	<input type="checkbox"/>	111,90	<input type="checkbox"/>	110,50	<input type="checkbox"/>
600 x 450	105,00	<input type="checkbox"/>	105,00	<input type="checkbox"/>	105,00	<input type="checkbox"/>	105,80	<input type="checkbox"/>
600 x 460	102,30	<input type="checkbox"/>	102,30	<input type="checkbox"/>	102,30	<input type="checkbox"/>	101,00	<input type="checkbox"/>
600 x 470	97,35	<input type="checkbox"/>	97,35	<input type="checkbox"/>	97,35	<input type="checkbox"/>	96,10	<input type="checkbox"/>
600 x 480	92,25	<input type="checkbox"/>	92,25	<input type="checkbox"/>	92,25	<input type="checkbox"/>	91,05	<input type="checkbox"/>
600 x 490	86,05	<input type="checkbox"/>	86,05	<input type="checkbox"/>	86,05	<input type="checkbox"/>	85,95	<input type="checkbox"/>
600 x 500	81,75	<input type="checkbox"/>	81,75	<input type="checkbox"/>	81,75	<input type="checkbox"/>	80,70	<input type="checkbox"/>
600 x 510	76,35	<input type="checkbox"/>	76,35	<input type="checkbox"/>	76,35	<input type="checkbox"/>	75,35	<input type="checkbox"/>
600 x 520	70,85	<input type="checkbox"/>	70,85	<input type="checkbox"/>	70,85	<input type="checkbox"/>	69,90	<input type="checkbox"/>
600 x 530	65,20	<input type="checkbox"/>	65,20	<input type="checkbox"/>	65,20	<input type="checkbox"/>	64,35	<input type="checkbox"/>
600 x 540	59,45	<input type="checkbox"/>	59,45	<input type="checkbox"/>	59,45	<input type="checkbox"/>	58,70	<input type="checkbox"/>
600 x 550	53,60	<input type="checkbox"/>	53,60	<input type="checkbox"/>	53,60	<input type="checkbox"/>	52,90	<input type="checkbox"/>
600 x 560	47,65	<input type="checkbox"/>	47,65	<input type="checkbox"/>	47,65	<input type="checkbox"/>	47,00	<input type="checkbox"/>
600 x 570	41,55	<input type="checkbox"/>	41,55	<input type="checkbox"/>	41,55	<input type="checkbox"/>	41,00	<input type="checkbox"/>

Tolerances:

Outer diameter [O.D.] [mm]	Outer diameter [mm]	
	O.D.	I.D.
O.D. ≤ 60	+3,0 +0,8	-0,8 -4,0 (*)
60 < O.D. ≤ 80	+3,5 +0,8	-0,8 -4,0 (*)
80 < O.D. ≤ 110	+4,5 +1,2	-1,8 -6,0 (*)
110 < O.D. ≤ 150	+5,0 +1,5	-2,0 -7,5 (*)
150 < O.D. ≤ 180	+7,5 +1,8	-2,2 -8,5 (*)
180 < O.D. ≤ 220	+9,0 +2,0	-2,5 -9,5 (*)
220 < O.D. ≤ 250	+10,0 +3,0	-3,0 -11,0 (*)
250 < O.D. ≤ 300	+11,0 +3,0	-3,5 -13,0 (*)
300 < O.D. ≤ 400	+13,0 +3,0	-3,5 -15,5 (*)
400 < O.D. ≤ 500	+15,0 +3,0	-3,5 -18,0 (*)
500 < O.D. ≤ 600	+20,0 +5,0	-4,5 -20,0 (*)

[*]: Due to the manufacturing process, the inner diameter [I.D.] at the very ends of the tubes may be somewhat smaller [over a length of 2–10 mm, measured from the edge].

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improved availability possible upon customer planning, minimum order quantity 1 piece]

Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [2000 mm] [kg/pce]		Standard length per piece: [1000 mm] [kg/pce]	
50 x 20	2,21	<input type="checkbox"/>	–	<input type="checkbox"/>
50 x 25	2,02	<input type="checkbox"/>	–	<input type="checkbox"/>
56 x 20	2,74	<input type="checkbox"/>	–	<input type="checkbox"/>
56 x 25	2,56	<input type="checkbox"/>	–	<input type="checkbox"/>
56 x 30	2,33	<input type="checkbox"/>	–	<input type="checkbox"/>
56 x 35	2,06	<input type="checkbox"/>	–	<input type="checkbox"/>
60 x 25	3,00	<input type="checkbox"/>	–	<input type="checkbox"/>
60 x 30	2,77	<input type="checkbox"/>	–	<input type="checkbox"/>
60 x 35	2,50	<input type="checkbox"/>	–	<input type="checkbox"/>
60 x 40	2,19	<input type="checkbox"/>	–	<input type="checkbox"/>
65 x 25	3,62	<input type="checkbox"/>	–	<input type="checkbox"/>
65 x 30	3,39	<input type="checkbox"/>	–	<input type="checkbox"/>
65 x 35	3,12	<input type="checkbox"/>	–	<input type="checkbox"/>
65 x 40	2,80	<input type="checkbox"/>	–	<input type="checkbox"/>
65 x 45	2,44	<input type="checkbox"/>	–	<input type="checkbox"/>
65 x 50	2,03	<input type="checkbox"/>	–	<input type="checkbox"/>
70 x 25	8,62	<input type="checkbox"/>	4,18	<input type="checkbox"/>
70 x 30	8,03	<input type="checkbox"/>	3,96	<input type="checkbox"/>
70 x 35	7,48	<input type="checkbox"/>	3,69	<input type="checkbox"/>
70 x 40	6,86	<input type="checkbox"/>	3,38	<input type="checkbox"/>
70 x 45	6,12	<input type="checkbox"/>	3,02	<input type="checkbox"/>
70 x 50	5,32	<input type="checkbox"/>	2,62	<input type="checkbox"/>
70 x 55	4,40	<input type="checkbox"/>	2,17	<input type="checkbox"/>
75 x 25	9,85	<input type="checkbox"/>	4,84	<input type="checkbox"/>
75 x 30	9,40	<input type="checkbox"/>	4,62	<input type="checkbox"/>
75 x 35	8,86	<input type="checkbox"/>	4,36	<input type="checkbox"/>
75 x 40	8,22	<input type="checkbox"/>	4,04	<input type="checkbox"/>
75 x 45	7,49	<input type="checkbox"/>	3,68	<input type="checkbox"/>
75 x 50	6,68	<input type="checkbox"/>	3,28	<input type="checkbox"/>
75 x 55	5,77	<input type="checkbox"/>	2,84	<input type="checkbox"/>
75 x 60	4,77	<input type="checkbox"/>	2,35	<input type="checkbox"/>
80 x 25	11,30	<input type="checkbox"/>	5,55	<input type="checkbox"/>
80 x 30	10,85	<input type="checkbox"/>	5,33	<input type="checkbox"/>
80 x 35	10,30	<input type="checkbox"/>	5,05	<input type="checkbox"/>
80 x 40	9,68	<input type="checkbox"/>	4,76	<input type="checkbox"/>
80 x 45	8,95	<input type="checkbox"/>	4,40	<input type="checkbox"/>
80 x 50	8,14	<input type="checkbox"/>	4,00	<input type="checkbox"/>
80 x 55	7,23	<input type="checkbox"/>	3,56	<input type="checkbox"/>
80 x 60	6,23	<input type="checkbox"/>	3,06	<input type="checkbox"/>
80 x 65	5,14	<input type="checkbox"/>	2,53	<input type="checkbox"/>
85 x 25	13,15	<input type="checkbox"/>	6,48	<input type="checkbox"/>
85 x 30	12,75	<input type="checkbox"/>	6,28	<input type="checkbox"/>
85 x 35	12,20	<input type="checkbox"/>	6,00	<input type="checkbox"/>
85 x 40	11,60	<input type="checkbox"/>	5,70	<input type="checkbox"/>
85 x 45	10,90	<input type="checkbox"/>	5,35	<input type="checkbox"/>
85 x 50	10,10	<input type="checkbox"/>	4,96	<input type="checkbox"/>

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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [2000 mm] [kg/pce]		Standard length per piece: [1000 mm] [kg/pce]	
85 x 55	9,23	<input type="checkbox"/>	4,54	<input type="checkbox"/>
85 x 60	8,26	<input type="checkbox"/>	4,06	<input type="checkbox"/>
85 x 65	7,20	<input type="checkbox"/>	3,54	<input type="checkbox"/>
85 x 70	6,05	<input type="checkbox"/>	2,97	<input type="checkbox"/>
90 x 30	14,40	<input type="checkbox"/>	7,05	<input type="checkbox"/>
90 x 35	13,85	<input type="checkbox"/>	6,80	<input type="checkbox"/>
90 x 40	13,25	<input type="checkbox"/>	6,53	<input type="checkbox"/>
90 x 45	12,55	<input type="checkbox"/>	6,18	<input type="checkbox"/>
90 x 50	11,75	<input type="checkbox"/>	5,78	<input type="checkbox"/>
90 x 55	10,90	<input type="checkbox"/>	5,35	<input type="checkbox"/>
90 x 60	9,91	<input type="checkbox"/>	4,87	<input type="checkbox"/>
90 x 65	8,85	<input type="checkbox"/>	4,35	<input type="checkbox"/>
90 x 70	7,70	<input type="checkbox"/>	3,78	<input type="checkbox"/>
90 x 75	6,45	<input type="checkbox"/>	3,18	<input type="checkbox"/>
95 x 35	15,60	<input type="checkbox"/>	7,68	<input type="checkbox"/>
95 x 40	15,00	<input type="checkbox"/>	7,35	<input type="checkbox"/>
95 x 45	14,30	<input type="checkbox"/>	7,00	<input type="checkbox"/>
95 x 50	13,50	<input type="checkbox"/>	6,65	<input type="checkbox"/>
95 x 55	12,60	<input type="checkbox"/>	6,20	<input type="checkbox"/>
95 x 60	11,65	<input type="checkbox"/>	5,73	<input type="checkbox"/>
95 x 65	10,60	<input type="checkbox"/>	5,20	<input type="checkbox"/>
95 x 70	9,42	<input type="checkbox"/>	4,63	<input type="checkbox"/>
95 x 75	8,18	<input type="checkbox"/>	4,02	<input type="checkbox"/>
95 x 80	6,85	<input type="checkbox"/>	3,37	<input type="checkbox"/>
100 x 35	17,80	<input type="checkbox"/>	8,73	<input type="checkbox"/>
100 x 40	17,20	<input type="checkbox"/>	8,45	<input type="checkbox"/>
100 x 45	16,50	<input type="checkbox"/>	8,10	<input type="checkbox"/>
100 x 50	15,70	<input type="checkbox"/>	7,73	<input type="checkbox"/>
100 x 55	14,80	<input type="checkbox"/>	7,28	<input type="checkbox"/>
100 x 60	13,85	<input type="checkbox"/>	6,80	<input type="checkbox"/>
100 x 65	12,80	<input type="checkbox"/>	6,30	<input type="checkbox"/>
100 x 70	11,65	<input type="checkbox"/>	5,73	<input type="checkbox"/>
100 x 75	10,40	<input type="checkbox"/>	5,10	<input type="checkbox"/>
100 x 80	9,05	<input type="checkbox"/>	4,45	<input type="checkbox"/>
100 x 85	7,63	<input type="checkbox"/>	3,75	<input type="checkbox"/>
105 x 35	19,65	<input type="checkbox"/>	9,68	<input type="checkbox"/>
105 x 40	19,05	<input type="checkbox"/>	9,35	<input type="checkbox"/>
105 x 45	18,35	<input type="checkbox"/>	9,03	<input type="checkbox"/>
105 x 50	17,55	<input type="checkbox"/>	8,63	<input type="checkbox"/>
105 x 55	16,70	<input type="checkbox"/>	8,20	<input type="checkbox"/>
105 x 60	15,70	<input type="checkbox"/>	7,73	<input type="checkbox"/>
105 x 65	14,65	<input type="checkbox"/>	7,20	<input type="checkbox"/>
105 x 70	13,50	<input type="checkbox"/>	6,65	<input type="checkbox"/>
105 x 75	12,25	<input type="checkbox"/>	6,03	<input type="checkbox"/>
105 x 80	10,90	<input type="checkbox"/>	5,35	<input type="checkbox"/>
105 x 85	9,49	<input type="checkbox"/>	4,67	<input type="checkbox"/>

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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [2000 mm] [kg/pce]		Standard length per piece: [1000 mm] [kg/pce]	
105 x 90	7,98	<input type="checkbox"/>	3,92	<input type="checkbox"/>
110 x 35	21,45	<input type="checkbox"/>	10,55	<input type="checkbox"/>
110 x 40	20,85	<input type="checkbox"/>	10,25	<input type="checkbox"/>
110 x 45	20,15	<input type="checkbox"/>	9,90	<input type="checkbox"/>
110 x 50	19,35	<input type="checkbox"/>	9,50	<input type="checkbox"/>
110 x 55	18,45	<input type="checkbox"/>	9,08	<input type="checkbox"/>
110 x 60	17,50	<input type="checkbox"/>	8,60	<input type="checkbox"/>
110 x 65	16,45	<input type="checkbox"/>	8,08	<input type="checkbox"/>
110 x 70	15,30	<input type="checkbox"/>	7,50	<input type="checkbox"/>
110 x 75	14,05	<input type="checkbox"/>	6,90	<input type="checkbox"/>
110 x 80	12,70	<input type="checkbox"/>	6,25	<input type="checkbox"/>
110 x 85	11,30	<input type="checkbox"/>	5,55	<input type="checkbox"/>
110 x 90	9,77	<input type="checkbox"/>	4,80	<input type="checkbox"/>
110 x 95	8,16	<input type="checkbox"/>	4,01	<input type="checkbox"/>
115 x 35	23,95	<input type="checkbox"/>	11,80	<input type="checkbox"/>
115 x 40	23,35	<input type="checkbox"/>	11,50	<input type="checkbox"/>
115 x 45	22,65	<input type="checkbox"/>	11,15	<input type="checkbox"/>
115 x 50	21,90	<input type="checkbox"/>	10,75	<input type="checkbox"/>
115 x 55	21,00	<input type="checkbox"/>	10,35	<input type="checkbox"/>
115 x 60	20,05	<input type="checkbox"/>	9,88	<input type="checkbox"/>
115 x 65	19,00	<input type="checkbox"/>	9,35	<input type="checkbox"/>
115 x 70	17,90	<input type="checkbox"/>	8,78	<input type="checkbox"/>
115 x 75	16,65	<input type="checkbox"/>	8,20	<input type="checkbox"/>
115 x 80	15,35	<input type="checkbox"/>	7,55	<input type="checkbox"/>
115 x 85	13,95	<input type="checkbox"/>	6,85	<input type="checkbox"/>
115 x 90	12,45	<input type="checkbox"/>	6,13	<input type="checkbox"/>
115 x 95	10,85	<input type="checkbox"/>	5,33	<input type="checkbox"/>
115 x 100	9,17	<input type="checkbox"/>	4,51	<input type="checkbox"/>
120 x 40	25,30	<input type="checkbox"/>	12,45	<input type="checkbox"/>
120 x 45	24,60	<input type="checkbox"/>	12,10	<input type="checkbox"/>
120 x 50	23,85	<input type="checkbox"/>	11,75	<input type="checkbox"/>
120 x 55	23,00	<input type="checkbox"/>	11,30	<input type="checkbox"/>
120 x 60	22,00	<input type="checkbox"/>	10,85	<input type="checkbox"/>
120 x 65	21,00	<input type="checkbox"/>	10,35	<input type="checkbox"/>
120 x 70	19,85	<input type="checkbox"/>	9,75	<input type="checkbox"/>
120 x 75	18,60	<input type="checkbox"/>	9,15	<input type="checkbox"/>
120 x 80	17,30	<input type="checkbox"/>	8,50	<input type="checkbox"/>
120 x 85	15,90	<input type="checkbox"/>	7,80	<input type="checkbox"/>
120 x 90	14,40	<input type="checkbox"/>	7,08	<input type="checkbox"/>
120 x 95	12,80	<input type="checkbox"/>	6,30	<input type="checkbox"/>
120 x 100	11,10	<input type="checkbox"/>	5,48	<input type="checkbox"/>
120 x 105	9,35	<input type="checkbox"/>	4,60	<input type="checkbox"/>
125 x 40	28,40	<input type="checkbox"/>	14,00	<input type="checkbox"/>
125 x 45	27,70	<input type="checkbox"/>	13,65	<input type="checkbox"/>
125 x 50	26,95	<input type="checkbox"/>	13,25	<input type="checkbox"/>
125 x 55	26,10	<input type="checkbox"/>	12,80	<input type="checkbox"/>

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

▢ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;

improved availability possible upon customer planning, minimum order quantity 1 piece]

Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [2000 mm] [kg/pce]		Standard length per piece: [1000 mm] [kg/pce]	
125 x 60	25,15	<input type="checkbox"/>	12,35	<input type="checkbox"/>
125 x 65	24,10	<input type="checkbox"/>	11,85	<input type="checkbox"/>
125 x 70	22,95	<input type="checkbox"/>	11,30	<input type="checkbox"/>
125 x 75	21,70	<input type="checkbox"/>	10,70	<input type="checkbox"/>
125 x 80	20,40	<input type="checkbox"/>	10,05	<input type="checkbox"/>
125 x 85	19,00	<input type="checkbox"/>	9,33	<input type="checkbox"/>
125 x 90	17,50	<input type="checkbox"/>	8,60	<input type="checkbox"/>
125 x 95	15,90	<input type="checkbox"/>	7,83	<input type="checkbox"/>
125 x 100	14,25	<input type="checkbox"/>	6,98	<input type="checkbox"/>
125 x 105	12,45	<input type="checkbox"/>	6,13	<input type="checkbox"/>
125 x 110	10,60	<input type="checkbox"/>	5,20	<input type="checkbox"/>
130 x 40	30,80	<input type="checkbox"/>	15,15	<input type="checkbox"/>
130 x 45	30,10	<input type="checkbox"/>	14,80	<input type="checkbox"/>
130 x 50	29,30	<input type="checkbox"/>	14,40	<input type="checkbox"/>
130 x 55	28,45	<input type="checkbox"/>	14,00	<input type="checkbox"/>
130 x 60	27,50	<input type="checkbox"/>	13,55	<input type="checkbox"/>
130 x 65	26,45	<input type="checkbox"/>	13,00	<input type="checkbox"/>
130 x 70	25,20	<input type="checkbox"/>	12,45	<input type="checkbox"/>
130 x 75	24,10	<input type="checkbox"/>	11,85	<input type="checkbox"/>
130 x 80	22,80	<input type="checkbox"/>	11,20	<input type="checkbox"/>
130 x 85	21,40	<input type="checkbox"/>	10,50	<input type="checkbox"/>
130 x 90	19,90	<input type="checkbox"/>	9,78	<input type="checkbox"/>
130 x 95	18,30	<input type="checkbox"/>	8,98	<input type="checkbox"/>
130 x 100	16,60	<input type="checkbox"/>	8,18	<input type="checkbox"/>
130 x 105	14,85	<input type="checkbox"/>	7,30	<input type="checkbox"/>
130 x 110	13,00	<input type="checkbox"/>	6,40	<input type="checkbox"/>
130 x 115	11,05	<input type="checkbox"/>	5,43	<input type="checkbox"/>
135 x 45	32,25	<input type="checkbox"/>	15,85	<input type="checkbox"/>
135 x 50	31,45	<input type="checkbox"/>	15,50	<input type="checkbox"/>
135 x 55	30,60	<input type="checkbox"/>	15,05	<input type="checkbox"/>
135 x 60	29,65	<input type="checkbox"/>	14,55	<input type="checkbox"/>
135 x 65	28,60	<input type="checkbox"/>	14,10	<input type="checkbox"/>
135 x 70	27,45	<input type="checkbox"/>	13,50	<input type="checkbox"/>
135 x 75	26,25	<input type="checkbox"/>	12,90	<input type="checkbox"/>
135 x 80	24,90	<input type="checkbox"/>	12,25	<input type="checkbox"/>
135 x 85	23,50	<input type="checkbox"/>	11,55	<input type="checkbox"/>
135 x 90	22,00	<input type="checkbox"/>	10,80	<input type="checkbox"/>
135 x 95	20,45	<input type="checkbox"/>	10,05	<input type="checkbox"/>
135 x 100	37,50	<input type="checkbox"/>	9,20	<input type="checkbox"/>
135 x 105	17,00	<input type="checkbox"/>	8,35	<input type="checkbox"/>
135 x 110	15,10	<input type="checkbox"/>	7,43	<input type="checkbox"/>
135 x 115	13,15	<input type="checkbox"/>	6,48	<input type="checkbox"/>
135 x 120	11,10	<input type="checkbox"/>	5,48	<input type="checkbox"/>
140 x 45	34,80	<input type="checkbox"/>	17,10	<input type="checkbox"/>
140 x 50	34,00	<input type="checkbox"/>	16,70	<input type="checkbox"/>
140 x 55	33,15	<input type="checkbox"/>	16,30	<input type="checkbox"/>

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

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improved availability possible upon customer planning, minimum order quantity 1 piece]

Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [2000 mm] [kg/pce]		Standard length per piece: [1000 mm] [kg/pce]	
140 x 60	32,20	<input type="checkbox"/>	15,85	<input type="checkbox"/>
140 x 65	31,15	<input type="checkbox"/>	15,30	<input type="checkbox"/>
140 x 70	30,00	<input type="checkbox"/>	14,75	<input type="checkbox"/>
140 x 75	28,80	<input type="checkbox"/>	14,15	<input type="checkbox"/>
140 x 80	27,45	<input type="checkbox"/>	13,50	<input type="checkbox"/>
140 x 85	26,05	<input type="checkbox"/>	12,80	<input type="checkbox"/>
140 x 90	24,55	<input type="checkbox"/>	12,10	<input type="checkbox"/>
140 x 95	22,95	<input type="checkbox"/>	11,30	<input type="checkbox"/>
140 x 100	21,30	<input type="checkbox"/>	10,45	<input type="checkbox"/>
140 x 105	19,50	<input type="checkbox"/>	9,60	<input type="checkbox"/>
140 x 110	17,65	<input type="checkbox"/>	8,68	<input type="checkbox"/>
140 x 115	15,70	<input type="checkbox"/>	7,73	<input type="checkbox"/>
140 x 120	13,65	<input type="checkbox"/>	6,70	<input type="checkbox"/>
140 x 125	11,55	<input type="checkbox"/>	5,68	<input type="checkbox"/>
150 x 55	39,85	<input type="checkbox"/>	19,60	<input type="checkbox"/>
150 x 60	38,90	<input type="checkbox"/>	19,15	<input type="checkbox"/>
150 x 65	37,85	<input type="checkbox"/>	18,60	<input type="checkbox"/>
150 x 70	36,75	<input type="checkbox"/>	18,05	<input type="checkbox"/>
150 x 75	35,50	<input type="checkbox"/>	17,45	<input type="checkbox"/>
150 x 80	34,20	<input type="checkbox"/>	16,80	<input type="checkbox"/>
150 x 85	32,80	<input type="checkbox"/>	16,15	<input type="checkbox"/>
150 x 90	31,30	<input type="checkbox"/>	15,40	<input type="checkbox"/>
150 x 95	29,70	<input type="checkbox"/>	14,60	<input type="checkbox"/>
150 x 100	28,00	<input type="checkbox"/>	13,80	<input type="checkbox"/>
150 x 105	26,25	<input type="checkbox"/>	12,90	<input type="checkbox"/>
150 x 110	24,40	<input type="checkbox"/>	12,00	<input type="checkbox"/>
150 x 115	22,45	<input type="checkbox"/>	11,05	<input type="checkbox"/>
150 x 120	20,40	<input type="checkbox"/>	10,05	<input type="checkbox"/>
150 x 125	18,25	<input type="checkbox"/>	8,98	<input type="checkbox"/>
150 x 130	16,05	<input type="checkbox"/>	7,90	<input type="checkbox"/>
150 x 135	13,75	<input type="checkbox"/>	6,75	<input type="checkbox"/>
155 x 65	39,90	<input type="checkbox"/>	19,60	<input type="checkbox"/>
155 x 70	38,80	<input type="checkbox"/>	19,05	<input type="checkbox"/>
155 x 75	37,60	<input type="checkbox"/>	18,45	<input type="checkbox"/>
155 x 80	36,30	<input type="checkbox"/>	17,80	<input type="checkbox"/>
155 x 85	34,90	<input type="checkbox"/>	17,10	<input type="checkbox"/>
155 x 90	33,40	<input type="checkbox"/>	16,40	<input type="checkbox"/>
155 x 95	31,80	<input type="checkbox"/>	15,65	<input type="checkbox"/>
155 x 100	30,20	<input type="checkbox"/>	14,80	<input type="checkbox"/>
155 x 105	28,40	<input type="checkbox"/>	13,95	<input type="checkbox"/>
155 x 110	26,60	<input type="checkbox"/>	13,05	<input type="checkbox"/>
155 x 115	24,60	<input type="checkbox"/>	12,10	<input type="checkbox"/>
155 x 120	22,60	<input type="checkbox"/>	11,10	<input type="checkbox"/>
155 x 125	20,50	<input type="checkbox"/>	10,05	<input type="checkbox"/>
160 x 80	39,40	<input type="checkbox"/>	19,35	<input type="checkbox"/>

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improved availability possible upon customer planning, minimum order quantity 1 piece]

Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [2000 mm] [kg/pce]		Standard length per piece: [1000 mm] [kg/pce]	
160 x 85	38,00	<input type="checkbox"/>	18,65	<input type="checkbox"/>
160 x 90	36,50	<input type="checkbox"/>	17,90	<input type="checkbox"/>
160 x 95	34,90	<input type="checkbox"/>	17,15	<input type="checkbox"/>
160 x 100	33,20	<input type="checkbox"/>	16,35	<input type="checkbox"/>
160 x 105	31,50	<input type="checkbox"/>	15,45	<input type="checkbox"/>
160 x 110	29,60	<input type="checkbox"/>	14,55	<input type="checkbox"/>
160 x 115	27,70	<input type="checkbox"/>	13,60	<input type="checkbox"/>
160 x 120	25,70	<input type="checkbox"/>	12,65	<input type="checkbox"/>
160 x 125	23,60	<input type="checkbox"/>	11,60	<input type="checkbox"/>
160 x 130	21,40	<input type="checkbox"/>	10,50	<input type="checkbox"/>
170 x 100	39,60	<input type="checkbox"/>	19,45	<input type="checkbox"/>
170 x 105	37,80	<input type="checkbox"/>	18,60	<input type="checkbox"/>
170 x 110	36,00	<input type="checkbox"/>	17,65	<input type="checkbox"/>
170 x 115	34,00	<input type="checkbox"/>	16,75	<input type="checkbox"/>
170 x 120	32,00	<input type="checkbox"/>	15,75	<input type="checkbox"/>
170 x 125	29,90	<input type="checkbox"/>	14,70	<input type="checkbox"/>
170 x 130	27,70	<input type="checkbox"/>	13,60	<input type="checkbox"/>
170 x 135	25,40	<input type="checkbox"/>	12,50	<input type="checkbox"/>
170 x 140	23,00	<input type="checkbox"/>	11,30	<input checked="" type="checkbox"/>
170 x 145	20,50	<input type="checkbox"/>	10,05	<input type="checkbox"/>
180 x 120	38,90	<input type="checkbox"/>	19,10	<input type="checkbox"/>
180 x 125	36,80	<input type="checkbox"/>	18,05	<input type="checkbox"/>
180 x 130	34,60	<input type="checkbox"/>	17,00	<input type="checkbox"/>
180 x 135	32,30	<input type="checkbox"/>	15,85	<input type="checkbox"/>
180 x 140	29,90	<input type="checkbox"/>	14,70	<input type="checkbox"/>
180 x 145	27,40	<input type="checkbox"/>	13,45	<input type="checkbox"/>
180 x 150	24,90	<input type="checkbox"/>	12,20	<input type="checkbox"/>
180 x 155	22,20	<input type="checkbox"/>	10,90	<input type="checkbox"/>
190 x 135	39,80	<input type="checkbox"/>	19,55	<input type="checkbox"/>
190 x 140	37,40	<input type="checkbox"/>	18,40	<input type="checkbox"/>
190 x 145	35,00	<input type="checkbox"/>	17,15	<input type="checkbox"/>
190 x 150	32,40	<input type="checkbox"/>	15,95	<input type="checkbox"/>
190 x 155	29,80	<input type="checkbox"/>	14,60	<input type="checkbox"/>
190 x 160	27,00	<input type="checkbox"/>	13,30	<input type="checkbox"/>
190 x 165	24,20	<input type="checkbox"/>	11,90	<input type="checkbox"/>
190 x 170	21,30	<input type="checkbox"/>	10,45	<input type="checkbox"/>
200 x 150	39,80	<input type="checkbox"/>	19,55	<input type="checkbox"/>
200 x 155	37,20	<input type="checkbox"/>	18,25	<input type="checkbox"/>
200 x 160	34,40	<input type="checkbox"/>	16,95	<input type="checkbox"/>
200 x 165	31,60	<input type="checkbox"/>	15,55	<input type="checkbox"/>
200 x 170	28,70	<input type="checkbox"/>	14,10	<input type="checkbox"/>
200 x 175	25,70	<input type="checkbox"/>	12,65	<input type="checkbox"/>
200 x 180	22,60	<input type="checkbox"/>	11,10	<input type="checkbox"/>



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improved availability possible upon customer planning, minimum order quantity 1 piece]

Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [1000 mm]			
	[kg/pce]		[kg/pce]	
155 x 50	21,35	<input type="checkbox"/>	—	—
155 x 55	20,95	<input type="checkbox"/>	—	—
155 x 60	20,45	<input type="checkbox"/>	—	—
155 x 65	19,95	<input type="checkbox"/>	19,60	<input type="checkbox"/>
155 x 70	19,40	<input type="checkbox"/>	19,05	<input type="checkbox"/>
155 x 75	18,80	<input type="checkbox"/>	18,45	<input type="checkbox"/>
155 x 80	18,15	<input type="checkbox"/>	17,80	<input type="checkbox"/>
155 x 85	17,45	<input type="checkbox"/>	17,10	<input type="checkbox"/>
155 x 90	16,70	<input type="checkbox"/>	16,40	<input type="checkbox"/>
155 x 95	15,90	<input type="checkbox"/>	15,65	<input type="checkbox"/>
155 x 100	15,10	<input type="checkbox"/>	14,80	<input type="checkbox"/>
155 x 105	14,20	<input type="checkbox"/>	13,95	<input type="checkbox"/>
155 x 110	13,30	<input type="checkbox"/>	13,05	<input type="checkbox"/>
155 x 115	12,30	<input type="checkbox"/>	12,10	<input type="checkbox"/>
155 x 120	11,30	<input type="checkbox"/>	11,10	<input type="checkbox"/>
155 x 125	10,25	<input type="checkbox"/>	10,05	<input type="checkbox"/>
155 x 130	9,14	<input type="checkbox"/>	8,98	<input type="checkbox"/>
155 x 135	7,99	<input type="checkbox"/>	7,85	<input type="checkbox"/>
160 x 50	22,90	<input type="checkbox"/>	—	—
160 x 55	22,50	<input type="checkbox"/>	—	—
160 x 60	22,00	<input type="checkbox"/>	—	—
160 x 65	21,50	<input type="checkbox"/>	—	—
160 x 70	20,95	<input type="checkbox"/>	—	—
160 x 75	20,35	<input type="checkbox"/>	—	—
160 x 80	19,70	<input type="checkbox"/>	19,35	<input type="checkbox"/>
160 x 85	19,00	<input type="checkbox"/>	18,65	<input type="checkbox"/>
160 x 90	18,25	<input type="checkbox"/>	17,90	<input type="checkbox"/>
160 x 95	17,45	<input type="checkbox"/>	17,15	<input type="checkbox"/>
160 x 100	16,60	<input type="checkbox"/>	16,35	<input type="checkbox"/>
160 x 105	15,75	<input type="checkbox"/>	15,45	<input type="checkbox"/>
160 x 110	14,80	<input type="checkbox"/>	14,55	<input type="checkbox"/>
160 x 115	13,85	<input type="checkbox"/>	13,60	<input type="checkbox"/>
160 x 120	12,85	<input type="checkbox"/>	12,65	<input type="checkbox"/>
160 x 125	11,80	<input type="checkbox"/>	11,60	<input type="checkbox"/>
160 x 130	10,70	<input type="checkbox"/>	10,50	<input type="checkbox"/>
160 x 135	9,53	<input type="checkbox"/>	9,37	<input type="checkbox"/>
160 x 140	8,34	<input type="checkbox"/>	8,19	<input type="checkbox"/>
170 x 50	26,05	<input type="checkbox"/>	—	—
170 x 55	25,65	<input type="checkbox"/>	—	—
170 x 60	25,20	<input type="checkbox"/>	—	—
170 x 65	24,65	<input type="checkbox"/>	—	—
170 x 70	24,10	<input type="checkbox"/>	—	—
170 x 75	23,50	<input type="checkbox"/>	—	—
170 x 80	22,85	<input type="checkbox"/>	—	—
170 x 85	22,15	<input type="checkbox"/>	—	—
170 x 90	21,40	<input type="checkbox"/>	—	—

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

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improved availability possible upon customer planning, minimum order quantity 1 piece]

Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [1000 mm]			
	[kg/pce]		[kg/pce]	
170 x 95	20,60	<input type="checkbox"/>	—	—
170 x 100	19,80	<input type="checkbox"/>	19,45	<input type="checkbox"/>
170 x 105	18,90	<input type="checkbox"/>	18,60	<input type="checkbox"/>
170 x 110	18,00	<input type="checkbox"/>	17,65	<input type="checkbox"/>
170 x 115	17,00	<input type="checkbox"/>	16,75	<input type="checkbox"/>
170 x 120	16,00	<input type="checkbox"/>	15,75	<input type="checkbox"/>
170 x 125	14,95	<input type="checkbox"/>	14,70	<input type="checkbox"/>
170 x 130	13,85	<input type="checkbox"/>	13,60	<input type="checkbox"/>
170 x 135	12,70	<input type="checkbox"/>	12,50	<input type="checkbox"/>
170 x 140	11,50	<input type="checkbox"/>	11,30	<input type="checkbox"/>
170 x 145	10,25	<input type="checkbox"/>	10,05	<input type="checkbox"/>
170 x 150	8,98	<input type="checkbox"/>	8,83	<input type="checkbox"/>
180 x 60	28,60	<input type="checkbox"/>	—	—
180 x 65	28,10	<input type="checkbox"/>	—	—
180 x 70	27,55	<input type="checkbox"/>	—	—
180 x 75	26,95	<input type="checkbox"/>	—	—
180 x 80	26,30	<input type="checkbox"/>	—	—
180 x 85	25,60	<input type="checkbox"/>	—	—
180 x 90	24,85	<input type="checkbox"/>	—	—
180 x 95	24,05	<input type="checkbox"/>	—	—
180 x 100	23,25	<input type="checkbox"/>	—	—
180 x 105	22,35	<input type="checkbox"/>	—	—
180 x 110	21,45	<input type="checkbox"/>	—	—
180 x 115	20,45	<input type="checkbox"/>	—	—
180 x 120	19,45	<input type="checkbox"/>	19,10	<input type="checkbox"/>
180 x 125	18,40	<input type="checkbox"/>	18,05	<input type="checkbox"/>
180 x 130	17,30	<input type="checkbox"/>	17,00	<input type="checkbox"/>
180 x 135	16,15	<input type="checkbox"/>	15,85	<input type="checkbox"/>
180 x 140	14,95	<input type="checkbox"/>	14,70	<input type="checkbox"/>
180 x 145	13,70	<input type="checkbox"/>	13,45	<input type="checkbox"/>
180 x 150	12,45	<input type="checkbox"/>	12,20	<input type="checkbox"/>
180 x 155	11,10	<input type="checkbox"/>	10,90	<input type="checkbox"/>
180 x 160	9,72	<input type="checkbox"/>	9,55	<input type="checkbox"/>
190 x 65	31,80	<input type="checkbox"/>	—	—
190 x 70	31,25	<input type="checkbox"/>	—	—
190 x 75	30,65	<input type="checkbox"/>	—	—
190 x 80	30,00	<input type="checkbox"/>	—	—
190 x 85	29,30	<input type="checkbox"/>	—	—
190 x 90	28,55	<input type="checkbox"/>	—	—
190 x 95	27,80	<input type="checkbox"/>	—	—
190 x 100	26,95	<input type="checkbox"/>	—	—
190 x 105	26,10	<input type="checkbox"/>	—	—
190 x 110	25,15	<input type="checkbox"/>	—	—
190 x 115	24,20	<input type="checkbox"/>	—	—
190 x 120	23,20	<input type="checkbox"/>	—	—
190 x 125	22,15	<input type="checkbox"/>	—	—

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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [1000 mm]			
	[kg/pce]		[kg/pce]	
190 x 130	21,05	<input type="checkbox"/>	–	–
190 x 135	19,90	<input type="checkbox"/>	19,55	<input type="checkbox"/>
190 x 140	18,70	<input type="checkbox"/>	18,40	<input type="checkbox"/>
190 x 145	17,50	<input type="checkbox"/>	17,15	<input type="checkbox"/>
190 x 150	16,20	<input type="checkbox"/>	15,95	<input type="checkbox"/>
190 x 155	14,90	<input type="checkbox"/>	14,60	<input type="checkbox"/>
190 x 160	13,50	<input type="checkbox"/>	13,30	<input type="checkbox"/>
190 x 165	12,10	<input type="checkbox"/>	11,90	<input type="checkbox"/>
190 x 170	10,65	<input type="checkbox"/>	10,45	<input type="checkbox"/>
200 x 70	34,95	<input type="checkbox"/>	–	–
200 x 75	34,35	<input type="checkbox"/>	–	–
200 x 80	33,70	<input type="checkbox"/>	–	–
200 x 85	33,00	<input type="checkbox"/>	–	–
200 x 90	32,25	<input type="checkbox"/>	–	–
200 x 95	31,50	<input type="checkbox"/>	–	–
200 x 100	30,65	<input type="checkbox"/>	–	–
200 x 105	29,80	<input type="checkbox"/>	–	–
200 x 110	28,85	<input type="checkbox"/>	–	–
200 x 115	27,90	<input type="checkbox"/>	–	–
200 x 120	26,90	<input type="checkbox"/>	–	–
200 x 125	25,85	<input type="checkbox"/>	–	–
200 x 130	24,75	<input type="checkbox"/>	–	–
200 x 135	23,60	<input type="checkbox"/>	–	–
200 x 140	22,40	<input type="checkbox"/>	–	–
200 x 145	21,20	<input type="checkbox"/>	–	–
200 x 150	19,90	<input type="checkbox"/>	19,55	<input type="checkbox"/>
200 x 155	18,60	<input type="checkbox"/>	18,25	<input type="checkbox"/>
200 x 160	17,20	<input type="checkbox"/>	16,95	<input type="checkbox"/>
200 x 165	15,80	<input type="checkbox"/>	15,55	<input type="checkbox"/>
200 x 170	14,35	<input type="checkbox"/>	14,10	<input type="checkbox"/>
200 x 175	12,85	<input type="checkbox"/>	12,65	<input type="checkbox"/>
200 x 180	11,30	<input type="checkbox"/>	11,10	<input type="checkbox"/>
210 x 70	38,90	<input type="checkbox"/>	–	–
210 x 75	38,30	<input type="checkbox"/>	–	–
210 x 80	37,65	<input type="checkbox"/>	–	–
210 x 85	36,95	<input type="checkbox"/>	–	–
210 x 90	36,20	<input type="checkbox"/>	–	–
210 x 95	35,45	<input type="checkbox"/>	–	–
210 x 100	34,60	<input type="checkbox"/>	–	–
210 x 105	33,75	<input type="checkbox"/>	–	–
210 x 110	32,80	<input type="checkbox"/>	–	–
210 x 115	31,85	<input type="checkbox"/>	–	–
210 x 120	30,85	<input type="checkbox"/>	–	–
210 x 125	29,80	<input type="checkbox"/>	–	–
210 x 130	28,70	<input type="checkbox"/>	–	–
210 x 135	27,55	<input type="checkbox"/>	–	–

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

▢ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;

improved availability possible upon customer planning, minimum order quantity 1 piece]

Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES				
Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [1000 mm]			
	[kg/pce]		[kg/pce]	
210 x 140	26,35	<input type="checkbox"/>	—	—
210 x 145	25,15	<input type="checkbox"/>	—	—
210 x 150	23,85	<input type="checkbox"/>	—	—
210 x 155	22,55	<input type="checkbox"/>	—	—
210 x 160	21,15	<input type="checkbox"/>	—	—
210 x 165	19,75	<input type="checkbox"/>	19,40	<input type="checkbox"/>
210 x 170	18,30	<input type="checkbox"/>	17,95	<input type="checkbox"/>
210 x 175	16,80	<input type="checkbox"/>	16,50	<input type="checkbox"/>
210 x 180	15,25	<input type="checkbox"/>	15,00	<input type="checkbox"/>
210 x 185	13,65	<input type="checkbox"/>	13,40	<input type="checkbox"/>
210 x 190	12,00	<input type="checkbox"/>	11,80	<input type="checkbox"/>
220 x 95	40,15	<input type="checkbox"/>	—	—
220 x 100	39,35	<input type="checkbox"/>	—	—
220 x 105	38,50	<input type="checkbox"/>	—	—
220 x 110	37,55	<input type="checkbox"/>	—	—
220 x 115	36,60	<input type="checkbox"/>	—	—
220 x 120	35,60	<input type="checkbox"/>	—	—
220 x 125	34,55	<input type="checkbox"/>	—	—
220 x 130	33,45	<input type="checkbox"/>	—	—
220 x 135	32,30	<input type="checkbox"/>	—	—
220 x 140	31,10	<input type="checkbox"/>	—	—
220 x 145	29,90	<input type="checkbox"/>	—	—
220 x 150	28,60	<input type="checkbox"/>	—	—
220 x 155	27,30	<input type="checkbox"/>	—	—
220 x 160	25,90	<input type="checkbox"/>	—	—
220 x 165	24,50	<input type="checkbox"/>	—	—
220 x 170	23,05	<input type="checkbox"/>	—	—
220 x 175	21,55	<input type="checkbox"/>	—	—
220 x 180	20,00	<input type="checkbox"/>	19,65	<input type="checkbox"/>
220 x 185	18,40	<input type="checkbox"/>	18,05	<input type="checkbox"/>
220 x 190	16,75	<input type="checkbox"/>	16,50	<input type="checkbox"/>
220 x 195	15,05	<input type="checkbox"/>	14,80	<input type="checkbox"/>
220 x 200	13,35	<input type="checkbox"/>	13,15	<input type="checkbox"/>
225 x 110	39,85	<input type="checkbox"/>	—	—
225 x 115	38,90	<input type="checkbox"/>	—	—
225 x 120	37,90	<input type="checkbox"/>	—	—
225 x 125	36,85	<input type="checkbox"/>	—	—
225 x 130	35,80	<input type="checkbox"/>	—	—
225 x 135	34,65	<input type="checkbox"/>	—	—
225 x 140	33,45	<input type="checkbox"/>	—	—
225 x 145	32,25	<input type="checkbox"/>	—	—
225 x 150	31,00	<input type="checkbox"/>	—	—
225 x 155	29,65	<input type="checkbox"/>	—	—
225 x 160	28,30	<input type="checkbox"/>	—	—
225 x 165	26,90	<input type="checkbox"/>	—	—
225 x 170	25,45	<input type="checkbox"/>	—	—

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

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▢ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning, minimum order quantity 1 piece]



Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [1000 mm]			
	[kg/pce]		[kg/pce]	
225 x 175	23,95	<input type="checkbox"/>	—	—
225 x 180	22,40	<input type="checkbox"/>	—	—
225 x 185	20,85	<input type="checkbox"/>	—	—
225 x 190	19,20	<input type="checkbox"/>	18,85	<input type="checkbox"/>
225 x 195	17,55	<input type="checkbox"/>	17,20	<input type="checkbox"/>
225 x 200	15,80	<input type="checkbox"/>	15,55	<input type="checkbox"/>
225 x 205	14,05	<input type="checkbox"/>	13,80	<input type="checkbox"/>
230 x 120	40,10	<input type="checkbox"/>	—	—
230 x 125	39,05	<input type="checkbox"/>	—	—
230 x 130	38,00	<input type="checkbox"/>	—	—
230 x 135	36,85	<input type="checkbox"/>	—	—
230 x 140	35,65	<input type="checkbox"/>	—	—
230 x 145	34,45	<input type="checkbox"/>	—	—
230 x 150	33,20	<input type="checkbox"/>	—	—
230 x 155	31,85	<input type="checkbox"/>	—	—
230 x 160	30,50	<input type="checkbox"/>	—	—
230 x 165	29,10	<input type="checkbox"/>	—	—
230 x 170	27,65	<input type="checkbox"/>	—	—
230 x 175	26,15	<input type="checkbox"/>	—	—
230 x 180	24,60	<input type="checkbox"/>	—	—
230 x 185	23,05	<input type="checkbox"/>	—	—
230 x 190	21,40	<input type="checkbox"/>	—	—
230 x 195	19,75	<input type="checkbox"/>	19,40	<input type="checkbox"/>
230 x 200	18,00	<input type="checkbox"/>	17,70	<input type="checkbox"/>
230 x 205	16,25	<input type="checkbox"/>	15,95	<input type="checkbox"/>
230 x 210	14,45	<input type="checkbox"/>	14,15	<input type="checkbox"/>
240 x 140	40,10	<input type="checkbox"/>	—	—
240 x 145	38,85	<input type="checkbox"/>	—	—
240 x 150	37,60	<input type="checkbox"/>	—	—
240 x 155	36,25	<input type="checkbox"/>	—	—
240 x 160	34,90	<input type="checkbox"/>	—	—
240 x 165	33,50	<input type="checkbox"/>	—	—
240 x 170	32,05	<input type="checkbox"/>	—	—
240 x 175	30,55	<input type="checkbox"/>	—	—
240 x 180	29,05	<input type="checkbox"/>	—	—
240 x 185	27,45	<input type="checkbox"/>	—	—
240 x 190	25,80	<input type="checkbox"/>	—	—
240 x 195	24,15	<input type="checkbox"/>	—	—
240 x 200	22,40	<input type="checkbox"/>	—	—
240 x 205	20,65	<input type="checkbox"/>	—	—
240 x 210	18,85	<input type="checkbox"/>	18,50	<input type="checkbox"/>
240 x 215	17,00	<input type="checkbox"/>	16,70	<input type="checkbox"/>
240 x 220	15,10	<input type="checkbox"/>	14,80	<input type="checkbox"/>
250 x 160	39,55	<input type="checkbox"/>	—	—
250 x 165	38,15	<input type="checkbox"/>	—	—
250 x 170	36,70	<input type="checkbox"/>	—	—

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▢ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;

improved availability possible upon customer planning, minimum order quantity 1 piece]



Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES				
Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [1000 mm]			
	[kg/pce]		[kg/pce]	
250 x 175	35,20	<input type="checkbox"/>	—	—
250 x 180	33,65	<input type="checkbox"/>	—	—
250 x 185	32,05	<input type="checkbox"/>	—	—
250 x 190	30,45	<input type="checkbox"/>	—	—
250 x 195	28,75	<input type="checkbox"/>	—	—
250 x 200	27,05	<input type="checkbox"/>	—	—
250 x 205	25,30	<input type="checkbox"/>	—	—
250 x 210	23,45	<input type="checkbox"/>	—	—
250 x 215	21,60	<input type="checkbox"/>	—	—
250 x 220	19,70	<input type="checkbox"/>	19,40	<input type="checkbox"/>
250 x 225	17,75	<input type="checkbox"/>	17,45	<input type="checkbox"/>
250 x 230	15,80	<input type="checkbox"/>	15,50	<input type="checkbox"/>
260 x 175	40,55	<input type="checkbox"/>	—	—
260 x 180	39,00	<input type="checkbox"/>	—	—
260 x 185	37,45	<input type="checkbox"/>	—	—
260 x 190	35,85	<input type="checkbox"/>	—	—
260 x 195	34,15	<input type="checkbox"/>	—	—
260 x 200	32,45	<input type="checkbox"/>	—	—
260 x 205	30,70	<input type="checkbox"/>	—	—
260 x 210	28,90	<input type="checkbox"/>	—	—
260 x 215	27,05	<input type="checkbox"/>	—	—
260 x 220	25,15	<input type="checkbox"/>	—	—
260 x 225	23,25	<input type="checkbox"/>	—	—
260 x 230	21,25	<input type="checkbox"/>	—	—
260 x 235	19,25	<input type="checkbox"/>	18,90	<input type="checkbox"/>



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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
220 x 70	26,55	<input type="checkbox"/>	—	—
220 x 75	26,15	<input type="checkbox"/>	—	—
220 x 80	25,80	<input type="checkbox"/>	—	—
220 x 85	25,35	<input type="checkbox"/>	—	—
220 x 90	24,90	<input type="checkbox"/>	—	—
225 x 70	27,90	<input type="checkbox"/>	—	—
225 x 75	27,55	<input type="checkbox"/>	—	—
225 x 80	27,15	<input type="checkbox"/>	—	—
225 x 85	26,75	<input type="checkbox"/>	—	—
225 x 90	26,30	<input type="checkbox"/>	—	—
225 x 95	25,80	<input type="checkbox"/>	—	—
225 x 100	25,35	<input type="checkbox"/>	—	—
225 x 105	24,80	<input type="checkbox"/>	—	—
230 x 70	29,25	<input type="checkbox"/>	—	—
230 x 75	28,85	<input type="checkbox"/>	—	—
230 x 80	28,50	<input type="checkbox"/>	—	—
230 x 85	28,05	<input type="checkbox"/>	—	—
230 x 90	27,65	<input type="checkbox"/>	—	—
230 x 95	27,15	<input type="checkbox"/>	—	—
230 x 100	26,65	<input type="checkbox"/>	—	—
230 x 105	26,15	<input type="checkbox"/>	—	—
230 x 110	25,60	<input type="checkbox"/>	—	—
230 x 115	25,00	<input type="checkbox"/>	—	—
240 x 70	31,90	<input type="checkbox"/>	—	—
240 x 75	31,55	<input type="checkbox"/>	—	—
240 x 80	31,15	<input type="checkbox"/>	—	—
240 x 85	30,75	<input type="checkbox"/>	—	—
240 x 90	30,30	<input type="checkbox"/>	—	—
240 x 95	29,85	<input type="checkbox"/>	—	—
240 x 100	29,35	<input type="checkbox"/>	—	—
240 x 105	28,80	<input type="checkbox"/>	—	—
240 x 110	28,25	<input type="checkbox"/>	—	—
240 x 115	27,70	<input type="checkbox"/>	—	—
240 x 120	27,10	<input type="checkbox"/>	—	—
240 x 125	26,45	<input type="checkbox"/>	—	—
240 x 130	25,80	<input type="checkbox"/>	—	—
240 x 135	25,10	<input type="checkbox"/>	—	—
250 x 70	34,75	<input type="checkbox"/>	—	—
250 x 75	34,35	<input type="checkbox"/>	—	—
250 x 80	34,00	<input type="checkbox"/>	—	—
250 x 85	33,55	<input type="checkbox"/>	—	—
250 x 90	33,15	<input type="checkbox"/>	—	—
250 x 95	32,65	<input type="checkbox"/>	—	—
250 x 100	32,15	<input type="checkbox"/>	—	—
250 x 105	31,65	<input type="checkbox"/>	—	—
250 x 110	31,10	<input type="checkbox"/>	—	—

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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
250 x 115	30,50	<input type="checkbox"/>	—	—
250 x 120	29,90	<input type="checkbox"/>	—	—
250 x 125	29,25	<input type="checkbox"/>	—	—
250 x 130	28,60	<input type="checkbox"/>	—	—
250 x 135	27,90	<input type="checkbox"/>	—	—
250 x 140	27,20	<input type="checkbox"/>	—	—
250 x 145	26,45	<input type="checkbox"/>	—	—
250 x 150	25,70	<input type="checkbox"/>	—	—
250 x 155	24,90	<input type="checkbox"/>	—	—
260 x 70	37,85	<input type="checkbox"/>	—	—
260 x 75	37,50	<input type="checkbox"/>	—	—
260 x 80	37,10	<input type="checkbox"/>	—	—
260 x 85	36,70	<input type="checkbox"/>	—	—
260 x 90	36,25	<input type="checkbox"/>	—	—
260 x 95	35,80	<input type="checkbox"/>	—	—
260 x 100	35,30	<input type="checkbox"/>	—	—
260 x 105	34,80	<input type="checkbox"/>	—	—
260 x 110	34,25	<input type="checkbox"/>	—	—
260 x 115	33,70	<input type="checkbox"/>	—	—
260 x 120	33,10	<input type="checkbox"/>	—	—
260 x 125	32,45	<input type="checkbox"/>	—	—
260 x 130	31,80	<input type="checkbox"/>	—	—
260 x 135	31,10	<input type="checkbox"/>	—	—
260 x 140	30,40	<input type="checkbox"/>	—	—
260 x 145	29,65	<input type="checkbox"/>	—	—
260 x 150	28,90	<input type="checkbox"/>	—	—
260 x 155	28,10	<input type="checkbox"/>	—	—
260 x 160	27,30	<input type="checkbox"/>	—	—
260 x 165	26,45	<input type="checkbox"/>	—	—
260 x 170	25,55	<input type="checkbox"/>	—	—
270 x 70	40,80	<input type="checkbox"/>	—	—
270 x 75	40,45	<input type="checkbox"/>	—	—
270 x 80	40,05	<input type="checkbox"/>	—	—
270 x 85	39,65	<input type="checkbox"/>	—	—
270 x 90	39,25	<input type="checkbox"/>	—	—
270 x 95	38,75	<input type="checkbox"/>	—	—
270 x 100	38,30	<input type="checkbox"/>	—	—
270 x 105	37,75	<input type="checkbox"/>	—	—
270 x 110	37,20	<input type="checkbox"/>	—	—
270 x 115	36,65	<input type="checkbox"/>	—	—
270 x 120	36,05	<input type="checkbox"/>	—	—
270 x 125	35,40	<input type="checkbox"/>	—	—
270 x 130	34,75	<input type="checkbox"/>	—	—
270 x 135	34,10	<input type="checkbox"/>	—	—
270 x 140	33,35	<input type="checkbox"/>	—	—
270 x 145	32,65	<input type="checkbox"/>	—	—

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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
270 x 150	31,85	<input type="checkbox"/>	—	—
270 x 155	31,05	<input type="checkbox"/>	—	—
270 x 160	30,25	<input type="checkbox"/>	—	—
270 x 165	29,40	<input type="checkbox"/>	—	—
270 x 170	28,55	<input type="checkbox"/>	—	—
270 x 175	27,65	<input type="checkbox"/>	—	—
270 x 180	26,70	<input type="checkbox"/>	—	—
270 x 185	25,75	<input type="checkbox"/>	—	—
270 x 190	24,75	<input type="checkbox"/>	—	—
270 x 195	23,75	<input type="checkbox"/>	—	—
270 x 200	22,70	<input type="checkbox"/>	—	—
270 x 205	21,65	<input type="checkbox"/>	—	—
270 x 210	20,55	<input type="checkbox"/>	—	—
270 x 215	19,40	<input type="checkbox"/>	19,10	<input type="checkbox"/>
270 x 220	18,25	<input type="checkbox"/>	17,95	<input type="checkbox"/>
270 x 225	17,10	<input type="checkbox"/>	16,80	<input type="checkbox"/>
270 x 230	15,90	<input type="checkbox"/>	15,60	<input type="checkbox"/>
270 x 235	14,65	<input type="checkbox"/>	14,40	<input type="checkbox"/>
270 x 240	13,40	<input type="checkbox"/>	13,20	<input type="checkbox"/>
270 x 245	12,10	<input type="checkbox"/>	11,90	<input type="checkbox"/>
275 x 70	42,75	<input type="checkbox"/>	—	—
275 x 75	42,40	<input type="checkbox"/>	—	—
275 x 80	42,00	<input type="checkbox"/>	—	—
275 x 85	41,60	<input type="checkbox"/>	—	—
275 x 90	41,20	<input type="checkbox"/>	—	—
275 x 95	40,70	<input type="checkbox"/>	—	—
275 x 100	40,20	<input type="checkbox"/>	—	—
275 x 105	39,70	<input type="checkbox"/>	—	—
275 x 110	39,15	<input type="checkbox"/>	—	—
275 x 115	38,60	<input type="checkbox"/>	—	—
275 x 120	38,00	<input type="checkbox"/>	—	—
275 x 125	37,35	<input type="checkbox"/>	—	—
275 x 130	36,70	<input type="checkbox"/>	—	—
275 x 135	36,00	<input type="checkbox"/>	—	—
275 x 140	35,30	<input type="checkbox"/>	—	—
275 x 145	34,60	<input type="checkbox"/>	—	—
275 x 150	33,80	<input type="checkbox"/>	—	—
275 x 155	33,00	<input type="checkbox"/>	—	—
275 x 160	32,20	<input type="checkbox"/>	—	—
275 x 165	31,35	<input type="checkbox"/>	—	—
275 x 170	30,50	<input type="checkbox"/>	—	—
275 x 175	29,60	<input type="checkbox"/>	—	—
275 x 180	28,65	<input type="checkbox"/>	—	—
275 x 185	27,70	<input type="checkbox"/>	—	—
275 x 190	26,70	<input type="checkbox"/>	—	—
275 x 195	25,70	<input type="checkbox"/>	—	—

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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES				
Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
275 x 200	24,65	<input type="checkbox"/>	—	—
275 x 205	23,60	<input type="checkbox"/>	—	—
275 x 210	22,50	<input type="checkbox"/>	—	—
275 x 215	21,35	<input type="checkbox"/>	—	—
275 x 220	20,20	<input type="checkbox"/>	19,90	<input type="checkbox"/>
275 x 225	19,05	<input type="checkbox"/>	18,70	<input type="checkbox"/>
275 x 230	17,85	<input type="checkbox"/>	17,50	<input type="checkbox"/>
275 x 235	16,60	<input type="checkbox"/>	16,35	<input type="checkbox"/>
275 x 240	15,35	<input type="checkbox"/>	15,10	<input type="checkbox"/>
275 x 245	14,05	<input type="checkbox"/>	13,80	<input type="checkbox"/>
275 x 250	12,75	<input type="checkbox"/>	12,55	<input type="checkbox"/>
280 x 70	44,15	<input type="checkbox"/>	—	—
280 x 75	43,80	<input type="checkbox"/>	—	—
280 x 80	43,40	<input type="checkbox"/>	—	—
280 x 85	43,00	<input type="checkbox"/>	—	—
280 x 90	42,55	<input type="checkbox"/>	—	—
280 x 95	42,10	<input type="checkbox"/>	—	—
280 x 100	41,60	<input type="checkbox"/>	—	—
280 x 105	41,10	<input type="checkbox"/>	—	—
280 x 110	40,55	<input type="checkbox"/>	—	—
280 x 115	40,00	<input type="checkbox"/>	—	—
280 x 120	39,40	<input type="checkbox"/>	—	—
280 x 125	38,75	<input type="checkbox"/>	—	—
280 x 130	38,10	<input type="checkbox"/>	—	—
280 x 135	37,40	<input type="checkbox"/>	—	—
280 x 140	36,70	<input type="checkbox"/>	—	—
280 x 145	35,95	<input type="checkbox"/>	—	—
280 x 150	35,20	<input type="checkbox"/>	—	—
280 x 155	34,40	<input type="checkbox"/>	—	—
280 x 160	33,60	<input type="checkbox"/>	—	—
280 x 165	32,75	<input type="checkbox"/>	—	—
280 x 170	31,85	<input type="checkbox"/>	—	—
280 x 175	30,95	<input type="checkbox"/>	—	—
280 x 180	30,05	<input type="checkbox"/>	—	—
280 x 185	29,10	<input type="checkbox"/>	—	—
280 x 190	28,10	<input type="checkbox"/>	—	—
280 x 195	27,10	<input type="checkbox"/>	—	—
280 x 200	26,05	<input type="checkbox"/>	—	—
280 x 205	25,00	<input type="checkbox"/>	—	—
280 x 210	23,90	<input type="checkbox"/>	—	—
280 x 215	22,75	<input type="checkbox"/>	—	—
280 x 220	21,60	<input type="checkbox"/>	—	—
280 x 225	20,45	<input type="checkbox"/>	—	—
280 x 230	19,25	<input type="checkbox"/>	18,90	<input type="checkbox"/>
280 x 235	18,00	<input type="checkbox"/>	17,65	<input type="checkbox"/>
280 x 240	16,70	<input type="checkbox"/>	16,45	<input type="checkbox"/>

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning, minimum order quantity 1 piece]

Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
280 x 245	15,45	<input type="checkbox"/>	15,20	<input type="checkbox"/>
280 x 250	14,15	<input type="checkbox"/>	13,85	<input type="checkbox"/>
280 x 255	12,80	<input type="checkbox"/>	12,60	<input type="checkbox"/>
290 x 70	47,30	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 75	46,95	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 80	46,55	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 85	46,15	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 90	45,70	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 95	45,25	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 100	44,75	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 105	44,25	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 110	43,70	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 115	43,10	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 120	42,50	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 125	41,90	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 130	41,25	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 135	40,55	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 140	39,85	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 145	39,10	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 150	38,35	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 155	37,55	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 160	36,75	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 165	35,90	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 170	35,00	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 175	34,10	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 180	33,15	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 185	32,20	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 190	31,25	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 195	30,20	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 200	29,20	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 205	28,10	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 210	27,00	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 215	25,90	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 220	24,75	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 225	23,55	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 230	22,35	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 235	21,15	<input type="checkbox"/>	—	<input type="checkbox"/>
290 x 240	19,85	<input type="checkbox"/>	19,55	<input type="checkbox"/>
290 x 245	18,60	<input type="checkbox"/>	18,25	<input type="checkbox"/>
290 x 250	17,25	<input type="checkbox"/>	17,00	<input type="checkbox"/>
290 x 255	15,95	<input type="checkbox"/>	15,65	<input type="checkbox"/>
290 x 260	14,55	<input type="checkbox"/>	14,30	<input type="checkbox"/>
290 x 265	13,15	<input type="checkbox"/>	12,95	<input type="checkbox"/>
300 x 80	50,00	<input type="checkbox"/>	—	<input type="checkbox"/>
300 x 85	49,55	<input type="checkbox"/>	—	<input type="checkbox"/>
300 x 90	49,15	<input type="checkbox"/>	—	<input type="checkbox"/>

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

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improved availability possible upon customer planning, minimum order quantity 1 piece]

Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES				
Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
300 x 95	48,65	<input type="checkbox"/>	—	—
300 x 100	48,20	<input type="checkbox"/>	—	—
300 x 105	47,65	<input type="checkbox"/>	—	—
300 x 110	47,10	<input type="checkbox"/>	—	—
300 x 115	46,55	<input type="checkbox"/>	—	—
300 x 120	45,95	<input type="checkbox"/>	—	—
300 x 125	45,30	<input type="checkbox"/>	—	—
300 x 130	44,65	<input type="checkbox"/>	—	—
300 x 135	44,00	<input type="checkbox"/>	—	—
300 x 140	43,30	<input type="checkbox"/>	—	—
300 x 145	42,55	<input type="checkbox"/>	—	—
300 x 150	41,75	<input type="checkbox"/>	—	—
300 x 155	41,00	<input type="checkbox"/>	—	—
300 x 160	40,15	<input type="checkbox"/>	—	—
300 x 165	39,30	<input type="checkbox"/>	—	—
300 x 170	38,45	<input type="checkbox"/>	—	—
300 x 175	37,55	<input type="checkbox"/>	—	—
300 x 180	36,60	<input type="checkbox"/>	—	—
300 x 185	35,65	<input type="checkbox"/>	—	—
300 x 190	34,65	<input type="checkbox"/>	—	—
300 x 195	33,65	<input type="checkbox"/>	—	—
300 x 200	32,60	<input type="checkbox"/>	—	—
300 x 205	31,55	<input type="checkbox"/>	—	—
300 x 210	30,45	<input type="checkbox"/>	—	—
300 x 215	29,35	<input type="checkbox"/>	—	—
300 x 220	28,20	<input type="checkbox"/>	—	—
300 x 225	27,00	<input type="checkbox"/>	—	—
300 x 230	25,80	<input type="checkbox"/>	—	—
300 x 235	24,55	<input type="checkbox"/>	—	—
300 x 240	23,30	<input type="checkbox"/>	—	—
300 x 245	22,00	<input type="checkbox"/>	—	—
300 x 250	20,70	<input type="checkbox"/>	—	—
300 x 255	19,35	<input type="checkbox"/>	19,05	<input type="checkbox"/>
300 x 260	18,00	<input type="checkbox"/>	17,65	<input type="checkbox"/>
300 x 265	16,60	<input type="checkbox"/>	16,30	<input type="checkbox"/>
300 x 270	15,15	<input type="checkbox"/>	14,90	<input type="checkbox"/>
300 x 275	13,70	<input type="checkbox"/>	13,45	<input type="checkbox"/>
325 x 80	59,10	<input type="checkbox"/>	—	—
325 x 85	58,70	<input type="checkbox"/>	—	—
325 x 90	58,30	<input type="checkbox"/>	—	—
325 x 95	57,80	<input type="checkbox"/>	—	—
325 x 100	57,35	<input type="checkbox"/>	—	—
325 x 105	56,85	<input type="checkbox"/>	—	—
325 x 110	56,30	<input type="checkbox"/>	—	—
325 x 115	55,75	<input type="checkbox"/>	—	—
325 x 120	55,15	<input type="checkbox"/>	—	—

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

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improved availability possible upon customer planning, minimum order quantity 1 piece]

Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM		
	Standard length per piece: [600 mm]				
	[kg/pce]		[kg/pce]		
325 x 125	54,50	<input type="checkbox"/>	—	—	—
325 x 130	53,85	<input type="checkbox"/>	—	—	—
325 x 135	53,20	<input type="checkbox"/>	—	—	—
325 x 140	52,50	<input type="checkbox"/>	—	—	—
325 x 145	51,75	<input type="checkbox"/>	—	—	—
325 x 150	51,00	<input type="checkbox"/>	—	—	—
325 x 155	50,20	<input type="checkbox"/>	—	—	—
325 x 160	49,40	<input type="checkbox"/>	—	—	—
325 x 165	48,55	<input type="checkbox"/>	—	—	—
325 x 170	47,70	<input type="checkbox"/>	—	—	—
325 x 175	46,80	<input type="checkbox"/>	—	—	—
325 x 180	45,90	<input type="checkbox"/>	—	—	—
325 x 185	44,95	<input type="checkbox"/>	—	—	—
325 x 190	43,95	<input type="checkbox"/>	—	—	—
325 x 195	42,95	<input type="checkbox"/>	—	—	—
325 x 200	41,90	<input type="checkbox"/>	—	—	—
325 x 205	40,85	<input type="checkbox"/>	—	—	—
325 x 210	39,75	<input type="checkbox"/>	—	—	—
325 x 215	38,65	<input type="checkbox"/>	—	—	—
325 x 220	37,50	<input type="checkbox"/>	—	—	—
325 x 225	36,35	<input type="checkbox"/>	—	—	—
325 x 230	35,15	<input type="checkbox"/>	—	—	—
325 x 235	33,90	<input type="checkbox"/>	—	—	—
325 x 240	32,65	<input type="checkbox"/>	—	—	—
325 x 245	31,40	<input type="checkbox"/>	—	—	—
325 x 250	30,05	<input type="checkbox"/>	—	—	—
325 x 255	28,75	<input type="checkbox"/>	—	—	—
325 x 260	27,35	<input type="checkbox"/>	—	—	—
325 x 265	26,00	<input type="checkbox"/>	—	—	—
325 x 270	24,55	<input type="checkbox"/>	—	—	—
325 x 275	23,10	<input type="checkbox"/>	—	—	—
325 x 280	21,65	<input type="checkbox"/>	—	—	—
325 x 285	20,15	<input type="checkbox"/>	19,80	—	—
325 x 290	18,60	<input type="checkbox"/>	18,30	—	—
325 x 295	17,05	<input type="checkbox"/>	16,80	—	—
325 x 300	15,50	<input type="checkbox"/>	15,20	—	—
350 x 90	68,05	<input type="checkbox"/>	—	—	—
350 x 95	67,55	<input type="checkbox"/>	—	—	—
350 x 100	67,10	<input type="checkbox"/>	—	—	—
350 x 105	66,60	<input type="checkbox"/>	—	—	—
350 x 110	66,05	<input type="checkbox"/>	—	—	—
350 x 115	65,45	<input type="checkbox"/>	—	—	—
350 x 120	64,90	<input type="checkbox"/>	—	—	—
350 x 125	64,25	<input type="checkbox"/>	—	—	—
350 x 130	63,60	<input type="checkbox"/>	—	—	—
350 x 135	62,95	<input type="checkbox"/>	—	—	—

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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
350 x 140	62,25	<input type="checkbox"/>	—	—
350 x 145	61,50	<input type="checkbox"/>	—	—
350 x 150	60,75	<input type="checkbox"/>	—	—
350 x 155	59,95	<input type="checkbox"/>	—	—
350 x 160	59,15	<input type="checkbox"/>	—	—
350 x 165	58,30	<input type="checkbox"/>	—	—
350 x 170	57,45	<input type="checkbox"/>	—	—
350 x 175	56,55	<input type="checkbox"/>	—	—
350 x 180	55,60	<input type="checkbox"/>	—	—
350 x 185	54,65	<input type="checkbox"/>	—	—
350 x 190	53,70	<input type="checkbox"/>	—	—
350 x 195	52,70	<input type="checkbox"/>	—	—
350 x 200	51,65	<input type="checkbox"/>	—	—
350 x 205	50,60	<input type="checkbox"/>	—	—
350 x 210	49,50	<input type="checkbox"/>	—	—
350 x 215	48,40	<input type="checkbox"/>	—	—
350 x 220	47,25	<input type="checkbox"/>	—	—
350 x 225	46,10	<input type="checkbox"/>	—	—
350 x 230	44,90	<input type="checkbox"/>	—	—
350 x 235	43,65	<input type="checkbox"/>	—	—
350 x 240	42,40	<input type="checkbox"/>	—	—
350 x 245	41,10	<input type="checkbox"/>	—	—
350 x 250	39,80	<input type="checkbox"/>	—	—
350 x 255	38,50	<input type="checkbox"/>	—	—
350 x 260	37,10	<input type="checkbox"/>	—	—
350 x 265	35,75	<input type="checkbox"/>	—	—
350 x 270	34,30	<input type="checkbox"/>	—	—
350 x 275	32,85	<input type="checkbox"/>	—	—
350 x 280	31,40	<input type="checkbox"/>	—	—
350 x 285	29,90	<input type="checkbox"/>	—	—
350 x 290	28,35	<input type="checkbox"/>	—	—
350 x 295	26,80	<input type="checkbox"/>	—	—
350 x 300	25,25	<input type="checkbox"/>	—	—
350 x 305	23,60	<input type="checkbox"/>	—	—
350 x 310	22,00	<input type="checkbox"/>	—	—
350 x 315	20,30	<input type="checkbox"/>	19,95	<input type="checkbox"/>
350 x 320	18,60	<input type="checkbox"/>	18,30	<input type="checkbox"/>
350 x 325	16,90	<input type="checkbox"/>	16,65	<input type="checkbox"/>
375 x 100	77,90	<input type="checkbox"/>	—	—
375 x 110	76,85	<input type="checkbox"/>	—	—
375 x 120	75,70	<input type="checkbox"/>	—	—
375 x 130	74,40	<input type="checkbox"/>	—	—
375 x 140	73,05	<input type="checkbox"/>	—	—
375 x 150	71,55	<input type="checkbox"/>	—	—
375 x 160	69,95	<input type="checkbox"/>	—	—
375 x 170	68,25	<input type="checkbox"/>	—	—

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM		
	Standard length per piece: [600 mm]				
	[kg/pce]		[kg/pce]		
375 x 180	66,40	<input type="checkbox"/>	—	—	—
375 x 190	64,50	<input type="checkbox"/>	—	—	—
375 x 200	62,45	<input type="checkbox"/>	—	—	—
375 x 210	60,30	<input type="checkbox"/>	—	—	—
375 x 220	58,05	<input type="checkbox"/>	—	—	—
375 x 230	55,70	<input type="checkbox"/>	—	—	—
375 x 240	53,20	<input type="checkbox"/>	—	—	—
375 x 250	50,60	<input type="checkbox"/>	—	—	—
375 x 260	47,90	<input type="checkbox"/>	—	—	—
375 x 270	45,10	<input type="checkbox"/>	—	—	—
375 x 280	42,20	<input type="checkbox"/>	—	—	—
375 x 290	39,15	<input type="checkbox"/>	—	—	—
375 x 300	36,00	<input type="checkbox"/>	—	—	—
375 x 310	32,75	<input type="checkbox"/>	—	—	—
375 x 320	29,40	<input type="checkbox"/>	—	—	—
375 x 330	25,95	<input type="checkbox"/>	—	—	—
375 x 340	22,35	<input type="checkbox"/>	—	—	—
375 x 350	18,70	<input type="checkbox"/>	18,35	<input type="checkbox"/>	—
400 x 110	87,95	<input type="checkbox"/>	—	—	—
400 x 120	86,80	<input type="checkbox"/>	—	—	—
400 x 130	85,50	<input type="checkbox"/>	—	—	—
400 x 140	84,15	<input type="checkbox"/>	—	—	—
400 x 150	82,65	<input type="checkbox"/>	—	—	—
400 x 160	81,05	<input type="checkbox"/>	—	—	—
400 x 170	79,35	<input type="checkbox"/>	—	—	—
400 x 180	77,50	<input type="checkbox"/>	—	—	—
400 x 190	75,60	<input type="checkbox"/>	—	—	—
400 x 200	73,55	<input type="checkbox"/>	—	—	—
400 x 210	71,40	<input type="checkbox"/>	—	—	—
400 x 220	69,15	<input type="checkbox"/>	—	—	—
400 x 230	66,80	<input type="checkbox"/>	—	—	—
400 x 240	64,30	<input type="checkbox"/>	—	—	—
400 x 250	61,70	<input type="checkbox"/>	—	—	—
400 x 260	59,00	<input type="checkbox"/>	—	—	—
400 x 270	56,20	<input type="checkbox"/>	—	—	—
400 x 280	53,30	<input type="checkbox"/>	—	—	—
400 x 290	50,25	<input type="checkbox"/>	—	—	—
400 x 300	47,10	<input type="checkbox"/>	—	—	—
400 x 310	43,90	<input type="checkbox"/>	—	—	—
400 x 320	40,50	<input type="checkbox"/>	—	—	—
400 x 330	37,05	<input type="checkbox"/>	—	—	—
400 x 340	33,45	<input type="checkbox"/>	—	—	—
400 x 350	29,80	<input type="checkbox"/>	—	—	—
400 x 360	26,00	<input type="checkbox"/>	—	—	—
400 x 370	22,10	<input type="checkbox"/>	—	—	—
425 x 120	99,35	<input type="checkbox"/>	—	—	—

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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
425 x 130	98,10	<input type="checkbox"/>	96,40	<input type="checkbox"/>
425 x 140	96,70	<input type="checkbox"/>	95,05	<input type="checkbox"/>
425 x 150	95,25	<input type="checkbox"/>	93,60	<input type="checkbox"/>
425 x 160	93,65	<input type="checkbox"/>	92,05	<input type="checkbox"/>
425 x 170	91,95	<input type="checkbox"/>	90,40	<input type="checkbox"/>
425 x 180	90,15	<input type="checkbox"/>	88,65	<input type="checkbox"/>
425 x 190	88,25	<input type="checkbox"/>	86,70	<input type="checkbox"/>
425 x 200	86,25	<input type="checkbox"/>	84,75	<input type="checkbox"/>
425 x 210	84,10	<input type="checkbox"/>	82,65	<input type="checkbox"/>
425 x 220	81,85	<input type="checkbox"/>	80,45	<input type="checkbox"/>
425 x 230	79,50	<input type="checkbox"/>	78,10	<input type="checkbox"/>
425 x 240	77,05	<input type="checkbox"/>	75,70	<input type="checkbox"/>
425 x 250	74,45	<input type="checkbox"/>	73,20	<input type="checkbox"/>
425 x 260	71,80	<input type="checkbox"/>	70,50	<input type="checkbox"/>
425 x 270	69,00	<input type="checkbox"/>	67,80	<input type="checkbox"/>
425 x 280	66,10	<input type="checkbox"/>	64,95	<input type="checkbox"/>
425 x 290	63,05	<input type="checkbox"/>	62,00	<input type="checkbox"/>
425 x 300	59,95	<input type="checkbox"/>	58,90	<input type="checkbox"/>
425 x 310	56,70	<input type="checkbox"/>	55,70	<input type="checkbox"/>
425 x 320	53,35	<input type="checkbox"/>	52,45	<input type="checkbox"/>
425 x 330	49,90	<input type="checkbox"/>	49,05	<input type="checkbox"/>
425 x 340	46,35	<input type="checkbox"/>	45,55	<input type="checkbox"/>
425 x 350	42,65	<input type="checkbox"/>	41,95	<input type="checkbox"/>
425 x 360	38,90	<input type="checkbox"/>	38,20	<input type="checkbox"/>
425 x 370	35,00	<input type="checkbox"/>	34,40	<input type="checkbox"/>
425 x 380	31,00	<input type="checkbox"/>	30,45	<input type="checkbox"/>
425 x 390	26,90	<input type="checkbox"/>	26,40	<input type="checkbox"/>
425 x 400	22,65	<input type="checkbox"/>	22,25	<input type="checkbox"/>
450 x 120	111,60	<input type="checkbox"/>	109,70	<input type="checkbox"/>
450 x 130	110,30	<input type="checkbox"/>	108,40	<input type="checkbox"/>
450 x 140	109,00	<input type="checkbox"/>	107,10	<input type="checkbox"/>
450 x 150	107,50	<input type="checkbox"/>	105,60	<input type="checkbox"/>
450 x 160	105,90	<input type="checkbox"/>	104,00	<input type="checkbox"/>
450 x 170	104,20	<input type="checkbox"/>	102,50	<input type="checkbox"/>
450 x 180	102,40	<input type="checkbox"/>	100,70	<input type="checkbox"/>
450 x 190	100,50	<input type="checkbox"/>	98,80	<input type="checkbox"/>
450 x 200	98,45	<input type="checkbox"/>	96,80	<input type="checkbox"/>
450 x 210	96,35	<input type="checkbox"/>	94,65	<input type="checkbox"/>
450 x 220	94,10	<input type="checkbox"/>	92,50	<input type="checkbox"/>
450 x 230	91,75	<input type="checkbox"/>	90,15	<input type="checkbox"/>
450 x 240	89,25	<input type="checkbox"/>	87,75	<input type="checkbox"/>
450 x 250	86,70	<input type="checkbox"/>	85,20	<input type="checkbox"/>
450 x 260	84,00	<input type="checkbox"/>	82,55	<input type="checkbox"/>
450 x 270	81,20	<input type="checkbox"/>	79,80	<input type="checkbox"/>
450 x 280	78,30	<input type="checkbox"/>	76,95	<input type="checkbox"/>
450 x 290	75,30	<input type="checkbox"/>	74,00	<input type="checkbox"/>

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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
450 x 300	72,15	<input type="checkbox"/>	70,90	<input type="checkbox"/>
450 x 310	68,95	<input type="checkbox"/>	67,75	<input type="checkbox"/>
450 x 320	65,60	<input type="checkbox"/>	64,45	<input type="checkbox"/>
450 x 330	62,15	<input type="checkbox"/>	61,05	<input type="checkbox"/>
450 x 340	58,55	<input type="checkbox"/>	57,55	<input type="checkbox"/>
450 x 350	54,90	<input type="checkbox"/>	53,95	<input type="checkbox"/>
450 x 360	51,10	<input type="checkbox"/>	50,25	<input type="checkbox"/>
450 x 370	47,20	<input type="checkbox"/>	46,40	<input type="checkbox"/>
450 x 380	43,20	<input type="checkbox"/>	42,50	<input type="checkbox"/>
450 x 390	39,10	<input type="checkbox"/>	38,45	<input type="checkbox"/>
450 x 400	34,90	<input type="checkbox"/>	34,30	<input type="checkbox"/>
450 x 410	30,55	<input type="checkbox"/>	30,00	<input type="checkbox"/>
450 x 420	26,10	<input type="checkbox"/>	25,65	<input type="checkbox"/>
475 x 120	127,50	<input type="checkbox"/>	123,40	<input type="checkbox"/>
475 x 130	126,20	<input type="checkbox"/>	122,10	<input type="checkbox"/>
475 x 140	124,90	<input type="checkbox"/>	120,70	<input type="checkbox"/>
475 x 150	123,40	<input type="checkbox"/>	119,30	<input type="checkbox"/>
475 x 160	121,80	<input type="checkbox"/>	117,70	<input type="checkbox"/>
475 x 170	120,10	<input type="checkbox"/>	116,10	<input type="checkbox"/>
475 x 180	118,30	<input type="checkbox"/>	114,30	<input type="checkbox"/>
475 x 190	116,40	<input type="checkbox"/>	112,40	<input type="checkbox"/>
475 x 200	114,30	<input type="checkbox"/>	110,30	<input type="checkbox"/>
475 x 210	112,20	<input type="checkbox"/>	108,30	<input type="checkbox"/>
475 x 220	109,90	<input type="checkbox"/>	106,10	<input type="checkbox"/>
475 x 230	107,60	<input type="checkbox"/>	103,70	<input type="checkbox"/>
475 x 240	105,10	<input type="checkbox"/>	101,40	<input type="checkbox"/>
475 x 250	102,50	<input type="checkbox"/>	98,80	<input type="checkbox"/>
475 x 260	99,80	<input type="checkbox"/>	96,15	<input type="checkbox"/>
475 x 270	97,00	<input type="checkbox"/>	93,35	<input type="checkbox"/>
475 x 280	94,10	<input type="checkbox"/>	90,50	<input type="checkbox"/>
475 x 290	91,05	<input type="checkbox"/>	87,55	<input type="checkbox"/>
475 x 300	87,95	<input type="checkbox"/>	84,45	<input type="checkbox"/>
475 x 310	84,70	<input type="checkbox"/>	81,30	<input type="checkbox"/>
475 x 320	81,35	<input type="checkbox"/>	77,95	<input type="checkbox"/>
475 x 330	77,85	<input type="checkbox"/>	74,55	<input type="checkbox"/>
475 x 340	74,30	<input type="checkbox"/>	71,00	<input type="checkbox"/>
475 x 350	70,60	<input type="checkbox"/>	67,40	<input type="checkbox"/>
475 x 360	66,80	<input type="checkbox"/>	63,65	<input type="checkbox"/>
475 x 370	62,90	<input type="checkbox"/>	59,80	<input type="checkbox"/>
475 x 380	58,85	<input type="checkbox"/>	55,85	<input type="checkbox"/>
475 x 390	54,75	<input type="checkbox"/>	51,80	<input type="checkbox"/>
475 x 400	50,50	<input type="checkbox"/>	47,65	<input type="checkbox"/>
475 x 410	46,15	<input type="checkbox"/>	43,40	<input type="checkbox"/>
475 x 420	41,70	<input type="checkbox"/>	39,00	<input type="checkbox"/>
475 x 430	37,10	<input type="checkbox"/>	34,50	<input type="checkbox"/>
475 x 440	32,40	<input type="checkbox"/>	29,90	<input type="checkbox"/>

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improved availability possible upon customer planning, minimum order quantity 1 piece]

Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
500 x 200	127,40	<input type="checkbox"/>	125,30	<input type="checkbox"/>
500 x 210	125,30	<input type="checkbox"/>	123,10	<input type="checkbox"/>
500 x 220	123,00	<input type="checkbox"/>	120,90	<input type="checkbox"/>
500 x 230	120,70	<input type="checkbox"/>	118,50	<input type="checkbox"/>
500 x 240	118,20	<input type="checkbox"/>	116,20	<input type="checkbox"/>
500 x 250	115,60	<input type="checkbox"/>	113,60	<input type="checkbox"/>
500 x 260	112,90	<input type="checkbox"/>	110,90	<input type="checkbox"/>
500 x 270	110,10	<input type="checkbox"/>	108,20	<input type="checkbox"/>
500 x 280	107,20	<input type="checkbox"/>	105,30	<input type="checkbox"/>
500 x 290	104,20	<input type="checkbox"/>	102,40	<input type="checkbox"/>
500 x 300	101,00	<input type="checkbox"/>	99,30	<input type="checkbox"/>
500 x 310	97,80	<input type="checkbox"/>	96,10	<input type="checkbox"/>
500 x 320	94,45	<input type="checkbox"/>	92,80	<input type="checkbox"/>
500 x 330	90,95	<input type="checkbox"/>	89,35	<input type="checkbox"/>
500 x 340	87,40	<input type="checkbox"/>	85,85	<input type="checkbox"/>
500 x 350	83,70	<input type="checkbox"/>	82,25	<input type="checkbox"/>
500 x 360	79,90	<input type="checkbox"/>	78,50	<input type="checkbox"/>
500 x 370	76,00	<input type="checkbox"/>	74,65	<input type="checkbox"/>
500 x 380	71,95	<input type="checkbox"/>	70,70	<input type="checkbox"/>
500 x 390	67,85	<input type="checkbox"/>	66,65	<input type="checkbox"/>
500 x 400	63,60	<input type="checkbox"/>	62,50	<input type="checkbox"/>
500 x 410	59,25	<input type="checkbox"/>	58,25	<input type="checkbox"/>
500 x 420	54,80	<input type="checkbox"/>	53,85	<input type="checkbox"/>
500 x 430	50,20	<input type="checkbox"/>	49,35	<input type="checkbox"/>
500 x 440	45,55	<input type="checkbox"/>	44,75	<input type="checkbox"/>
500 x 450	40,75	<input type="checkbox"/>	40,00	<input type="checkbox"/>
500 x 460	35,85	<input type="checkbox"/>	35,20	<input type="checkbox"/>
500 x 470	30,80	<input type="checkbox"/>	30,30	<input type="checkbox"/>
525 x 270	126,60	<input type="checkbox"/>	124,50	<input type="checkbox"/>
525 x 280	123,70	<input type="checkbox"/>	121,60	<input type="checkbox"/>
525 x 290	120,70	<input type="checkbox"/>	118,60	<input type="checkbox"/>
525 x 300	117,60	<input type="checkbox"/>	115,60	<input type="checkbox"/>
525 x 310	114,40	<input type="checkbox"/>	112,40	<input type="checkbox"/>
525 x 320	111,00	<input type="checkbox"/>	109,20	<input type="checkbox"/>
525 x 330	107,60	<input type="checkbox"/>	105,70	<input type="checkbox"/>
525 x 340	104,00	<input type="checkbox"/>	102,30	<input type="checkbox"/>
525 x 350	100,40	<input type="checkbox"/>	98,60	<input type="checkbox"/>
525 x 360	96,55	<input type="checkbox"/>	94,90	<input type="checkbox"/>
525 x 370	92,70	<input type="checkbox"/>	91,10	<input type="checkbox"/>
525 x 380	88,70	<input type="checkbox"/>	87,15	<input type="checkbox"/>
525 x 390	84,55	<input type="checkbox"/>	83,10	<input type="checkbox"/>
525 x 400	80,35	<input type="checkbox"/>	78,95	<input type="checkbox"/>
525 x 410	76,00	<input type="checkbox"/>	74,70	<input type="checkbox"/>
525 x 420	71,55	<input type="checkbox"/>	70,30	<input type="checkbox"/>
525 x 430	67,00	<input type="checkbox"/>	65,85	<input type="checkbox"/>
525 x 440	62,35	<input type="checkbox"/>	61,25	<input type="checkbox"/>

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improved availability possible upon customer planning, minimum order quantity 1 piece]



Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES

Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
525 x 450	57,55	<input type="checkbox"/>	56,55	<input type="checkbox"/>
525 x 460	52,70	<input type="checkbox"/>	51,75	<input type="checkbox"/>
525 x 470	47,70	<input type="checkbox"/>	46,90	<input type="checkbox"/>
525 x 480	42,60	<input type="checkbox"/>	41,85	<input type="checkbox"/>
525 x 490	37,35	<input type="checkbox"/>	36,70	<input type="checkbox"/>
550 x 320	127,30	<input type="checkbox"/>	125,10	<input type="checkbox"/>
550 x 330	123,80	<input type="checkbox"/>	121,70	<input type="checkbox"/>
550 x 340	120,20	<input type="checkbox"/>	118,10	<input type="checkbox"/>
550 x 350	116,60	<input type="checkbox"/>	114,60	<input type="checkbox"/>
550 x 360	112,80	<input type="checkbox"/>	110,80	<input type="checkbox"/>
550 x 370	108,90	<input type="checkbox"/>	107,00	<input type="checkbox"/>
550 x 380	104,90	<input type="checkbox"/>	103,00	<input type="checkbox"/>
550 x 390	100,80	<input type="checkbox"/>	99,00	<input type="checkbox"/>
550 x 400	96,55	<input type="checkbox"/>	94,90	<input type="checkbox"/>
550 x 410	92,20	<input type="checkbox"/>	90,60	<input type="checkbox"/>
550 x 420	87,80	<input type="checkbox"/>	86,25	<input type="checkbox"/>
550 x 430	83,20	<input type="checkbox"/>	81,75	<input type="checkbox"/>
550 x 440	78,55	<input type="checkbox"/>	77,20	<input type="checkbox"/>
550 x 450	73,80	<input type="checkbox"/>	72,50	<input type="checkbox"/>
550 x 460	68,90	<input type="checkbox"/>	67,70	<input type="checkbox"/>
550 x 470	63,90	<input type="checkbox"/>	62,75	<input type="checkbox"/>
550 x 480	58,80	<input type="checkbox"/>	57,80	<input type="checkbox"/>
550 x 490	53,55	<input type="checkbox"/>	52,65	<input type="checkbox"/>
550 x 500	48,25	<input type="checkbox"/>	47,45	<input type="checkbox"/>
550 x 510	42,80	<input type="checkbox"/>	42,05	<input type="checkbox"/>
550 x 520	37,25	<input type="checkbox"/>	36,60	<input type="checkbox"/>
575 x 370	125,20	<input type="checkbox"/>	123,00	<input type="checkbox"/>
575 x 380	121,20	<input type="checkbox"/>	119,00	<input type="checkbox"/>
575 x 390	117,00	<input type="checkbox"/>	115,00	<input type="checkbox"/>
575 x 400	112,80	<input type="checkbox"/>	110,80	<input type="checkbox"/>
575 x 410	108,50	<input type="checkbox"/>	106,60	<input type="checkbox"/>
575 x 420	104,00	<input type="checkbox"/>	102,30	<input type="checkbox"/>
575 x 430	99,50	<input type="checkbox"/>	97,75	<input type="checkbox"/>
575 x 440	94,85	<input type="checkbox"/>	93,15	<input type="checkbox"/>
575 x 450	90,05	<input type="checkbox"/>	88,50	<input type="checkbox"/>
575 x 460	85,15	<input type="checkbox"/>	83,70	<input type="checkbox"/>
575 x 470	80,15	<input type="checkbox"/>	78,75	<input type="checkbox"/>
575 x 480	75,05	<input type="checkbox"/>	73,80	<input type="checkbox"/>
575 x 490	69,85	<input type="checkbox"/>	68,65	<input type="checkbox"/>
575 x 500	64,50	<input type="checkbox"/>	63,40	<input type="checkbox"/>
575 x 510	59,10	<input type="checkbox"/>	58,05	<input type="checkbox"/>
575 x 520	53,55	<input type="checkbox"/>	52,60	<input type="checkbox"/>
575 x 530	47,85	<input type="checkbox"/>	47,05	<input type="checkbox"/>
575 x 540	42,10	<input type="checkbox"/>	41,35	<input type="checkbox"/>
600 x 410	126,10	<input type="checkbox"/>	124,00	<input type="checkbox"/>
600 x 420	121,70	<input type="checkbox"/>	119,50	<input type="checkbox"/>

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Nylatron®



Polyamide [PA 6 + MOS2] [PA 6 + SOLID LUBRICANTS]

Nylatron® GSM
Nylatron® NSM

TUBES				
Diameters [mm] O.D. x I.D.	Nylatron® GSM		Nylatron® NSM	
	Standard length per piece: [600 mm]			
	[kg/pce]		[kg/pce]	
600 x 430	117,10	<input type="checkbox"/>	115,10	<input type="checkbox"/>
600 x 440	112,40	<input type="checkbox"/>	110,40	<input type="checkbox"/>
600 x 450	107,70	<input type="checkbox"/>	105,80	<input type="checkbox"/>
600 x 460	102,80	<input type="checkbox"/>	101,00	<input type="checkbox"/>
600 x 470	97,75	<input type="checkbox"/>	96,10	<input type="checkbox"/>
600 x 480	92,65	<input type="checkbox"/>	91,05	<input type="checkbox"/>
600 x 490	87,45	<input type="checkbox"/>	85,90	<input type="checkbox"/>
600 x 500	82,10	<input type="checkbox"/>	80,70	<input type="checkbox"/>
600 x 510	76,70	<input type="checkbox"/>	75,35	<input type="checkbox"/>
600 x 520	71,15	<input type="checkbox"/>	69,95	<input type="checkbox"/>
600 x 530	65,50	<input type="checkbox"/>	64,35	<input type="checkbox"/>
600 x 540	59,70	<input type="checkbox"/>	58,70	<input type="checkbox"/>
600 x 550	53,85	<input type="checkbox"/>	52,90	<input type="checkbox"/>
600 x 560	47,85	<input type="checkbox"/>	47,05	<input type="checkbox"/>
600 x 570	41,75	<input type="checkbox"/>	41,00	<input type="checkbox"/>

Tolerances:

Outer diameter [O.D.] [mm]	Outer diameter [mm]	
O.D.	I.D.	
O.D. ≤ 60	+3,0	-0,8
	+0,8	-4,0 (*)
60 < O.D. ≤ 80	+3,5	-0,8
	+0,8	-4,0 (*)
80 < O.D. ≤ 110	+4,5	-1,8
	+1,2	-6,0 (*)
110 < O.D. ≤ 150	+5,0	-2,0
	+1,5	-7,5 (*)
150 < O.D. ≤ 180	+7,5	-2,2
	+1,8	-8,5 (*)
180 < O.D. ≤ 220	+9,0	-2,5
	+2,0	-9,5 (*)
220 < O.D. ≤ 250	+10,0	-3,0
	+3,0	-11,0 (*)
250 < O.D. ≤ 300	+11,0	-3,5
	+3,0	-13,0 (*)
300 < O.D. ≤ 400	+13,0	-3,5
	+3,0	-15,5 (*)
400 < O.D. ≤ 500	+15,0	-3,5
	+3,0	-18,0 (*)
500 < O.D. ≤ 600	+20,0	-4,5
	+5,0	-20,0 (*)

[*]: Due to the manufacturing process, the inner diameter [I.D.] at the very ends of the tubes may be somewhat smaller [over a length of 2–10 mm, measured from the edge].

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Nylatron® MD



Polyamide [PA 6]

Nylatron® MD

ROUND RODS			
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Nylatron® MD	
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]	
30	+0,2 +1,2	2,75	<input type="checkbox"/>
50	+0,3 +2,0	7,65	<input type="checkbox"/>
80	+0,4 +3,0	19,48	<input type="checkbox"/>
Other standard length: [1000 mm ^[2]]			

^[1]: tolerances according to DIN EN 15860^[2]: tolerance on the length -0/+3 %^[3]: average production weight

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Nylatron® MD



Polyamide [PA 6]

Nylatron® MD

PLATES			
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Nylatron® MD	
		Standard size per piece: [610x3000 mm ^[2]] [kg/pce ^[3]]	
20	+0,3 +1,5	48,45	<input type="checkbox"/>
40	+0,5 +2,5	96,30	<input type="checkbox"/>
80	+0,5 +5,0	193,35	<input type="checkbox"/>
Other standard size: [610x1000 mm ^[2]]			

^[1]: tolerances according to DIN EN 15860

^[2]: tolerances: width +5/+25 mm, length -0/+3%

^[3]: average production weight

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Ertacetal®



Polyacetal [POM-C]

Ertacetal® C natural/black

ROUND RODS						
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertacetal® C natural		Ertacetal® C black		
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]		
3	+0,1 +0,3	0,04	■	—	—	—
4		0,06	■	—	—	—
5	+0,1 +0,4	0,10	■	0,10	■	—
6		0,14	■	0,14	■	—
8	+0,1 +0,5	0,24	■	0,24	■	—
10		0,36	■	0,36	■	—
12		0,53	■	0,53	■	—
14		0,71	■	0,71	■	—
15	+0,2 +0,7	0,81	■	0,81	■	—
16		0,92	■	0,92	■	—
18		1,16	■	1,16	■	—
20		1,42	■	1,42	■	—
22		1,73	■	1,73	■	—
25	+0,2 +0,9	2,22	■	2,22	■	—
28		2,78	■	2,78	■	—
30		3,18	■	3,18	■	—
32		3,63	■	3,63	■	—
36	+0,2 +1,1	4,56	■	4,56	■	—
40		5,61	■	5,61	■	—
45		7,11	■	7,11	■	—
50	+0,3 +1,3	8,76	■	8,76	■	—
56		10,95	■	10,95	■	—
60		12,60	■	12,60	■	—
65	+0,3 +1,6	14,76	■	14,76	■	—
70		17,07	■	17,07	■	—
75	+0,4 +2,0	19,71	■	19,71	■	—
80		22,38	■	22,38	■	—
85	+0,5 +2,2	25,29	■	25,29	□	—
90		28,29	■	28,29	■	—
95	+0,6 +2,5	31,65	□	31,65	□	—
100		34,95	■	34,95	■	—

Other standard length: [1000 mm^[2]]

[1]: tolerances according to DIN EN 15860

[2]: tolerance on the length -0/+3 %

[3]: average production weight

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improved availability possible upon customer planning]

Ertacetal®



Polyacetal [POM-C]

Ertacetal® C natural/black

ROUND RODS						
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertacetal® C natural		Ertacetal® C black		
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]		
110	+0,7 +3,0	42,45	■	42,45	■	
115		46,65	□	46,65	□	
120	+0,8 +3,5	50,70	■	50,70	■	
125		54,90	□	54,90	■	
130		59,40	■	59,40	■	
135	+0,9 +3,8	64,05	□	64,05	□	
140		68,70	■	68,70	■	
150	+1,0 +4,2	79,05	■	79,05	■	
160	+1,1 +4,5	90,00	☒	90,00	☒	
170	+1,2 +5,0	101,70	☒	101,70	☒	
180		113,70	■	113,70	■	
190	+1,3 +5,5	126,90	□	126,90	□	
200		140,40	■	140,40	■	
210	+1,3 +5,8	154,80	☒	154,80	□	
220		169,50	☒	169,50	□	
230	+1,5 +6,2	185,55	■	185,55	□	
250		218,55	■	218,55	■	
280	+1,6 +6,5	273,45	☒	273,45	□	
300	+1,7 +7,0	314,10	☒	314,10	☒	
320	+1,8 +7,4	357,00	■	357,00	■	
400	+2,0 +12,0	569,10	□	—	—	

Other standard length: [1000 mm^[2]]^[1]: tolerances according to DIN EN 15860^[2]: tolerance on the length -0/+3 %^[3]: average production weight

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Ertacetal®



Polyacetal [POM-C]

Ertacetal® C blue

ROUND RODS			
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertacetal® C blue	
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]	
15		0,81	<input type="checkbox"/>
16		0,92	<input type="checkbox"/>
18	+0,2 +0,7	1,16	<input type="checkbox"/>
20		1,42	<input checked="" type="checkbox"/>
22		1,73	<input type="checkbox"/>
25	+0,2 +0,9	2,22	<input type="checkbox"/>
28		2,78	<input type="checkbox"/>
30		3,18	<input type="checkbox"/>
32		3,63	<input type="checkbox"/>
36	+0,2 +0,9	4,56	<input type="checkbox"/>
40		5,61	<input type="checkbox"/>
45		7,11	<input type="checkbox"/>
50	+0,3 +1,3	8,76	<input type="checkbox"/>
56		10,95	<input type="checkbox"/>
60		12,60	<input checked="" type="checkbox"/>
65	+0,3 +1,6	14,76	<input type="checkbox"/>
70		17,07	<input type="checkbox"/>
75	+0,4 +2,0	19,71	<input type="checkbox"/>
80		22,38	<input checked="" type="checkbox"/>
85	+0,5 +2,2	25,29	<input type="checkbox"/>
90		28,29	<input type="checkbox"/>
95	+0,6 +2,5	31,65	<input type="checkbox"/>
100		34,95	<input checked="" type="checkbox"/>
110	+0,7 +3,0	42,45	<input type="checkbox"/>
115		46,65	<input type="checkbox"/>
120	+0,8 +3,5	50,70	<input type="checkbox"/>
125		54,90	<input type="checkbox"/>
130	+0,9 +3,8	59,40	<input type="checkbox"/>
150	+1,0 +4,2	79,05	<input type="checkbox"/>
160	+1,2 +4,5	90,00	<input type="checkbox"/>
200	+1,3 +4,5	140,40	<input type="checkbox"/>
Other standard length: [1000 mm ^[2]]			

^[1]: tolerances according to DIN EN 15860^[2]: tolerance on the length -0/+3 %^[3]: average production weight

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Ertacetal®



Polyacetal [POM-C]

Ertacetal® C colour

ROUND RODS			
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertacetal® C colour	
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]	
15		0,81	<input type="checkbox"/>
16		0,92	<input type="checkbox"/>
18	+0,2 +0,7	1,16	<input type="checkbox"/>
20		1,42	<input type="checkbox"/>
22		1,73	<input type="checkbox"/>
25	+0,2 +0,9	2,22	<input type="checkbox"/>
28		2,78	<input type="checkbox"/>
30		3,18	<input type="checkbox"/>
32		3,63	<input type="checkbox"/>
36	+0,2 +0,9	4,56	<input type="checkbox"/>
40		5,61	<input type="checkbox"/>
45		7,11	<input type="checkbox"/>
50	+0,3 +1,3	8,76	<input type="checkbox"/>
56		10,95	<input type="checkbox"/>
60		12,60	<input type="checkbox"/>
65	+0,3 +1,6	14,76	<input type="checkbox"/>
70		17,07	<input type="checkbox"/>
75	+0,4 +2,0	19,71	<input type="checkbox"/>
80		22,38	<input type="checkbox"/>
85	+0,5 +2,2	25,29	<input type="checkbox"/>
90		28,29	<input type="checkbox"/>
95	+0,6 +2,5	31,65	<input type="checkbox"/>
100		34,95	<input type="checkbox"/>
110	+0,7 +3,0	42,45	<input type="checkbox"/>
115		46,65	<input type="checkbox"/>
120	+0,8 +3,5	50,70	<input type="checkbox"/>
125		54,90	<input type="checkbox"/>
130	+0,9 +3,8	59,40	<input type="checkbox"/>
Other standard length: [1000 mm ^[2]]			

Colours & Product Codes

Ertacetal® C green – 60	[RAL 6024]
Ertacetal® C brown – 80	[RAL 8016]
Ertacetal® C grey – 70	[RAL 7042]
Ertacetal® C orange – 20	[RAL 2009]
Ertacetal® C red – 30	[RAL 3018]
Ertacetal® C yellow – 10	[RAL 1021]
Ertacetal® C black – 90	[RAL 9017]

^[1]: tolerances according to DIN EN 15860

^[2]: tolerance on the length -0/+3 %

^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertacetal®



Polyacetal [POM-H] [POM-H + PTFE]

Ertacetal® H natural/black

Ertacetal® H-TF

ROUND RODS							
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertacetal® H natural		Ertacetal® H black		Ertacetal® H-TF	
		Standard size per piece: [3000 mm ^[2]]		[kg/pce ^[3]]		[kg/pce ^[3]]	
3	+0,1 +0,3	—	—	—	—	—	—
4		—	—	—	—	—	—
5	+0,1 +0,4	0,10	□	0,09	□	—	—
6		0,14	■	0,15	□	—	—
8	+0,1 +0,5	0,24	□	0,24	□	—	—
10		0,36	■	0,36	□	0,38	□
12		0,53	■	0,53	□	0,56	□
14		0,72	□	0,72	□	0,76	□
15	+0,2 +0,7	0,82	■	0,82	□	0,86	□
16		0,93	■	0,93	□	0,98	□
18		1,16	■	1,16	□	1,23	□
20		1,43	■	1,43	□	1,52	□
22		1,74	■	1,74	□	1,85	□
25	+0,2 +0,9	2,24	■	2,24	■	2,36	□
28		2,79	■	2,79	□	2,94	□
30		3,18	■	3,18	■	3,36	□
32		3,66	■	3,66	□	3,87	□
36	+0,2 +0,9	4,59	■	4,59	□	4,86	□
40		5,64	■	5,64	■	5,97	□
45		7,17	■	7,17	□	7,56	□
50	+0,3 +1,3	8,82	■	8,82	■	9,30	□
56		11,01	■	11,01	□	11,64	□
60		12,69	■	12,69	□	13,41	□
65	+0,3 +1,6	14,85	■	14,85	□	15,69	□
70		17,19	■	17,19	□	18,15	□
75	+0,4 +2,0	19,83	■	19,83	□	20,97	□
80		22,53	■	22,53	□	23,79	□
85	+0,5 +2,2	25,47	■	25,47	□	26,91	□
90		28,50	■	28,50	□	30,15	□
95	+0,6 +2,5	31,80	□	31,80	□	33,60	□
100		35,25	■	35,25	□	37,20	□
110	+0,7 +3,0	42,75	■	—	—	—	—
115		46,95	□	—	—	—	—
120	+0,8 +3,5	51,00	■	—	—	—	—
125		55,20	■	—	—	—	—
130	+0,9 +3,8	59,85	■	—	—	—	—
140		69,30	□	—	—	—	—
150	+1,0 +4,2	79,65	■	—	—	—	—
160	+1,1 +4,5	90,60	□	—	—	—	—
170	+1,2 +5,0	102,45	□	—	—	—	—
180		114,60	□	—	—	—	—
200	+1,3 +5,5	141,30	■	—	—	—	—
210	+1,3 +5,8	^[1] : tolerances according to DIN EN 15860					
220		^[2] : tolerance on the length -0/+3%					
230	+1,5 +6,2	^[3] : average production weight					
250		■ : standard item [generally available from stock; bulk quantities to be manufactured to order]					
280	+1,6 +6,5	■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]					
300	+1,7 +7,0	□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]					
320	+1,8 +7,4						

Other standard length: [1000 mm^[2]]

Semitron®



Static Dissipative Polyacetal [POM]

Semitron® ESd 225

ROUND RODS				
Diameters ^[1] [2]		Standard lengths	Semitron® ESd 225	
[mm]	[inch]	[mm ^[1]]	[kg/pce ^[3]]	
6,35	1/4	2440	0,10	<input type="checkbox"/>
7,94	5/16	2440	0,16	<input type="checkbox"/>
9,53	3/8	2440	0,23	<input type="checkbox"/>
11,11	7/16	2440	0,32	<input type="checkbox"/>
12,70	1/2	2440	0,41	<input type="checkbox"/>
14,29	9/16	2440	0,53	<input type="checkbox"/>
15,88	5/8	2440	0,65	<input type="checkbox"/>
19,05	3/4	2440	0,93	<input type="checkbox"/>
22,23	7/8	2440	1,27	<input type="checkbox"/>
25,40	1	2440	1,64	<input type="checkbox"/>
28,58	1 1/8	2440	2,10	<input type="checkbox"/>
31,75	1 1/4	2440	2,59	<input type="checkbox"/>
34,93	1 3/8	2440	3,13	<input type="checkbox"/>
38,10	1 1/2	2440	3,73	<input type="checkbox"/>
41,28	1 5/8	2440	4,37	<input type="checkbox"/>
44,45	1 3/4	2440	5,07	<input type="checkbox"/>
47,63	1 7/8	2440	5,82	<input type="checkbox"/>
50,80	2	2440	6,63	<input type="checkbox"/>
53,98	2 1/8	2440	7,48	<input type="checkbox"/>
57,15	2 1/4	2440	8,39	<input type="checkbox"/>
63,50	2 1/2	2440	10,35	<input type="checkbox"/>
69,85	2 3/4	2440	12,55	<input type="checkbox"/>
76,20	3	1220	7,40	<input type="checkbox"/>
82,55	3 1/4	1220	8,75	<input type="checkbox"/>
88,90	3 1/2	1220	10,15	<input type="checkbox"/>
95,25	3 3/4	1220	11,65	<input type="checkbox"/>
101,60	4	1220	13,25	<input type="checkbox"/>

^[1]: all dimensions shown are minimum values

^[2]: for non-listed intermediate diameters, please consult us

^[3]: theoretical weights, based on nominal dimensions and average density

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertacetal®



Polyacetal [POM-C]

Ertacetal® C natural

SHEETS						
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertacetal® C natural				
		Rolls ^[3]		Sheets ^[4]		
		Standard weight per roll: approx. [50 kg]		Standard size per piece: [1000 x 2000 mm]		
[mm]	[mm]	[kg/pce ^[2]]		[kg/pce ^[2]]		
0,5	-0,02 +0,08	54,60	□	—	—	—
0,8	-0,05 +0,10	54,45	□	—	—	—
1	-0,10 +0,10	60,90	□	2,90	□	□
1,5		—	—	4,36	□	□
2	-0,15 +0,15	—	—	5,82	□	□
2,5		—	—	7,26	□	□
3	-0,20 +0,20	—	—	8,72	■	■
4		—	—	11,60	■	■
5	-0,25 +0,25	—	—	14,50	■	■
6		—	—	17,45	■	■
					Other standard size: [1000 x 1000 mm ^[2]]	

[1]: tolerances according to DIN EN 15860

[2]: average production weights

[3]: a coil contains approx. 50 kg of material; width 1000 [-0/+30] mm

[4]: tolerance on width and length: -0/+3 %

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Semitron®



Static Dissipative Polyacetal [POM]

Semitron® ESd 225

PLATES						
Thicknesses ^[1]		Semitron® ESd 225				
[mm]	[inch]	Standard size per piece: [610 x 610 mm ^[2]] [kg/pce ^[3]]		Standard size per piece: [610 x 1220 mm ^[2]] [kg/pce ^[3]]		
6,35	1/4	3,14	<input type="checkbox"/>	6,33	<input type="checkbox"/>	
9,53	3/8	4,71	<input type="checkbox"/>	9,50	<input type="checkbox"/>	
12,70	1/2	6,28	<input type="checkbox"/>	12,65	<input type="checkbox"/>	
19,05	3/4	9,42	<input type="checkbox"/>	19,00	<input type="checkbox"/>	
25,40	1	12,55	<input type="checkbox"/>	25,35	<input type="checkbox"/>	
31,75	1 1/4	15,70	<input type="checkbox"/>	31,65	<input type="checkbox"/>	
38,10	1 1/2	18,85	<input type="checkbox"/>	38,00	<input type="checkbox"/>	
44,45	1 3/4	22,00	<input type="checkbox"/>	44,35	<input type="checkbox"/>	
50,80	2	25,15	<input type="checkbox"/>	50,65	<input type="checkbox"/>	

^[1]: tolerances according to DIN EN 15860

^[2]: tolerances: width +5/+25 mm; length -0/+3 %

^[3]: average production weights

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertacetal®



Polyacetal [POM-C]

Ertacetal® C natural

PLATES								
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertacetal® C natural						
		Standard size per piece: [1000 x 2000 mm ^[2]] [kg/pce ^[3]]		Standard size per piece: [610 x 3000 mm ^[2]] [kg/pce ^[3]]		Standard size per piece: [1220 x 3000 mm ^[4]] [kg/pce ^[3]]		
		[mm]	[mm]	[kg/pce ^[3]]	[kg/pce ^[3]]	[kg/pce ^[3]]	[kg/pce ^[3]]	[kg/pce ^[3]]
8	+0,2 +0,9		24,80	■	22,95	□	—	—
10			30,70	■	28,32	■	—	—
12			37,50	■	34,65	■	—	—
15			—	—	42,60	■	—	—
16	+0,3 +1,5		49,10	■	45,30	■	—	—
18			—	—	50,70	□	—	—
20			60,70	■	56,10	■	113,79	■
25			75,20	■	69,45	■	140,87	■
30			91,50	■	84,60	■	171,60	■
35			—	—	97,95	■	—	—
40	+0,5 +2,5		120,60	■	111,30	■	225,76	■
45			—	—	124,80	□	—	—
50			149,60	■	138,15	■	280,22	■
60	+0,5 +3,5		180,10	□	166,35	■	337,42	■
70			—	—	193,20	■	—	—
80			—	—	222,00	■	—	—
90	+0,5 +5,0		—	—	248,85	□	—	—
100			—	—	275,70	■	—	—
120	+0,5 +6,0		—	—	330,60	■	—	—
150	+0,5 +7,0		—	—	414,60	■ ^[5]	—	—
		Other standard size: [1000 x 1000/3000 mm ^[2]]		Other standard size: [610 x 1000 mm ^[2]]		—		

[1]: tolerances according to DIN 16986

[2]: tolerances: width +5/+25 mm; length 0/+3%

[3]: average production weights

[4]: tolerances: width +20/+45 mm; length 0/+3%

[5]: available in width 625 mm only

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertacetal®



Polyacetal [POM-C]

Ertacetal® C black

PLATES								
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertacetal® C black						
		Standard size per piece: [1000 x 2000 mm ^[2]] [kg/pce ^[3]]		Standard size per piece: [610 x 3000 mm ^[2]] [kg/pce ^[3]]		Standard size per piece: [1220 x 3000 mm ^[4]] [kg/pce ^[3]]		
		—	—	22,95	■	—	—	—
8	+0,2 +0,9	30,70	■	28,32	■	—	—	—
10		—	—	34,65	■	—	—	—
12		—	—	42,60	■	—	—	—
15		—	—	45,30	■	—	—	—
16	+0,3 +1,5	—	—	50,70	□	—	—	—
18		—	—	60,70	■	56,10	113,79	■
20		—	—	75,20	■	69,45	140,87	■
25		—	—	91,50	■	84,60	171,60	■
30		—	—	—	—	97,95	—	—
35		—	—	120,60	■	111,30	225,76	■
40	+0,5 +2,5	—	—	—	—	124,80	—	—
45		—	—	149,60	□	138,15	280,22	■
50		—	—	180,10	□	166,35	337,42	■
60	+0,5 +3,5	—	—	—	—	193,20	—	—
70		—	—	—	—	222,00	—	—
80		—	—	—	—	248,85	—	—
90	+0,5 +5,0	—	—	—	—	275,70	—	—
100		—	—	—	—	330,60	—	—
120	+0,5 +6,0	—	—	—	—	421,20	■ ^[5]	—
150	+0,5 +7,0	—	—	—	—	—	—	—
		Other standard size: [1000 x 1000/3000 mm ^[2]]		Other standard size: [610 x 1000 mm ^[2]]		—		

^[1]: tolerances according to DIN 16986^[2]: tolerances: width +5/+25 mm; length 0/+3%^[3]: average production weights^[4]: tolerances: width +20/+45 mm; length 0/+3%^[5]: available in width 625 mm only

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertacetal®



Polyacetal [POM-C]

Ertacetal® C blue

PLATES			
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertacetal® C blue	
		Standard length per piece: [610 x 3000 mm ^[2]] [kg/pce ^[3]]	
8		22,95	<input type="checkbox"/>
10	+0,2 +0,9	28,32	<input type="checkbox"/>
12		34,65	<input type="checkbox"/>
15		42,60	<input type="checkbox"/>
16		45,30	<input type="checkbox"/>
18	+0,3 +1,5	50,70	<input type="checkbox"/>
20		56,10	<input checked="" type="checkbox"/>
25		69,45	<input type="checkbox"/>
30		84,60	<input checked="" type="checkbox"/>
35		97,95	<input type="checkbox"/>
40	+0,5 +2,5	111,30	<input checked="" type="checkbox"/>
45		124,80	<input type="checkbox"/>
50		138,15	<input type="checkbox"/>
60	+0,5 +3,5	166,35	<input checked="" type="checkbox"/>
70		193,20	<input type="checkbox"/>
80		222,00	<input type="checkbox"/>
90	+0,5 +5,0	248,85	<input type="checkbox"/>
100		275,70	<input type="checkbox"/>
120	+0,5 +6,0	330,60	<input type="checkbox"/>
Other standard length: [610 x 1000 mm ^[2]]			

^[1]: tolerances according to DIN EN 15860^[2]: tolerances: width +5/+25 mm; length -0/+3 %^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertacetal®



Polyacetal [POM-C]

Ertacetal® C colour

PLATES			
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertacetal® C colour	
		Standard size per piece: [610 x 3000 mm ^[2]] [kg/pce ^[3]]	
8		22,95	<input type="checkbox"/>
10	+0,2 +0,9	28,32	<input type="checkbox"/>
12		34,65	<input type="checkbox"/>
15		42,60	<input type="checkbox"/>
16		45,30	<input type="checkbox"/>
18	+0,3 +1,5	50,70	<input type="checkbox"/>
20		56,10	<input type="checkbox"/>
25		69,45	<input type="checkbox"/>
30		84,60	<input type="checkbox"/>
35		97,95	<input type="checkbox"/>
40	+0,5 +2,5	111,30	<input type="checkbox"/>
45		124,80	<input type="checkbox"/>
50		138,15	<input type="checkbox"/>
60	+0,5 +3,5	166,35	<input type="checkbox"/>
70		193,20	<input type="checkbox"/>
80		222,00	<input type="checkbox"/>
90	+0,5 +5,0	248,85	<input type="checkbox"/>
100		275,70	<input type="checkbox"/>
120	+0,5 +6,0	330,60	<input type="checkbox"/>
Other standard size: [610 x 1000 mm ^[2]]			

Colours & Product Codes

Ertacetal® C green – 60	[RAL 6024]
Ertacetal® C brown – 80	[RAL 8016]
Ertacetal® C grey – 70	[RAL 7042]
Ertacetal® C orange – 20	[RAL 2009]
Ertacetal® C red – 30	[RAL 3018]
Ertacetal® C yellow – 10	[RAL 1021]
Ertacetal® C black – 90	[RAL 9017]

^[1]: tolerances according to DIN EN 15860

^[2]: tolerances: width +5/+25 mm; length -0/+3 %

^[3]: average production weight

: **standard** item [generally available from stock; bulk quantities to be manufactured to order]

: **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

: **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]



Ertacetal®

Polyacetal [POM-H] [POM-H + PTFE]

Ertacetal® H natural/black

Ertacetal® H-TF

PLATES

Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertacetal® H natural		Ertacetal® H black		Ertacetal® H-TF	
		Standard size per piece: [610 x 3000 mm ^[2]]		[kg/pce ^[3]]		[kg/pce ^[3]]	
8	+0,2 +0,9	23,10	□	23,10	□	—	—
10		28,50	■	28,50	□	—	—
12		34,80	□	34,80	□	36,90	□
15		42,90	□	42,90	□	45,45	□
16	+0,3 +1,5	45,60	■	45,60	■	48,30	□
18		51,15	□	51,15	□	54,00	□
20		56,55	■	56,55	■	59,70	□
25		70,05	■	70,05	■	73,95	□
30		85,20	■	85,20	■	89,85	□
35		98,70	□	98,70	□	104,25	□
40	+0,5 +2,5	112,20	■	112,20	■	118,50	□
45		125,70	□	125,70	□	132,75	□
50		139,20	□	139,20	■	147,00	□
Other standard size: [610 x 1000 mm ^[2]]							

^[1]: tolerances according to DIN EN 15860

^[2]: tolerances: width +5/+25 mm; length -0/+3 %

^[3]: average production weight

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]

■ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertacetal®



Polyacetal [POM-C]

Ertacetal® C natural/black

TUBES						
Diameters [mm] O.D. x I.D.	Tolerances ^[1] on the diameters [mm]		Ertacetal® C natural		Ertacetal® C black	
			Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]	
	O.D.	I.D.	1,16	□	1,16	□
20 x 10	+0,4 +1,1	-0,4 -1,1	1,03	□	1,03	□
20 x 12			0,77	□	0,77	□
20 x 15			1,46	□	1,46	□
22 x 10			0,96	□	0,96	□
22 x 16			1,82	□	1,82	□
25 x 12			1,55	□	1,55	□
25 x 15			1,23	□	1,23	□
25 x 18			2,36	□	2,36	□
28 x 12			2,10	□	2,10	□
28 x 15			1,55	□	1,55	□
28 x 20			2,51	□	2,51	□
30 x 15			1,94	■	1,94	□
30 x 20			3,12	□	3,12	□
32 x 15			2,57	□	2,57	□
32 x 20			1,85	□	1,85	□
32 x 25			3,87	□	3,87	□
36 x 17			3,51	□	3,51	□
36 x 20			2,79	□	2,79	□
36 x 25			1,92	□	1,92	□
36 x 30			4,56	□	4,56	□
40 x 20	+0,6 +2,0	-0,6 -2,0	3,87	□	3,87	□
40 x 25			2,97	□	2,97	□
40 x 30			6,06	□	6,06	□
45 x 20			5,34	□	5,34	□
45 x 25			4,44	■	4,44	□
45 x 30			3,39	□	3,39	□
45 x 35			7,71	□	7,71	□
50 x 20			6,99	□	6,99	□
50 x 25			6,09	■	6,09	■
50 x 30			3,81	□	3,81	□
55 x 25			8,97	□	8,97	□
55 x 35			7,08	□	7,08	□
55 x 45			4,47	□	4,47	□
60 x 30			10,11	■	10,11	□
60 x 40			7,86	■	7,86	□
60 x 50			4,92	□	4,92	□
65 x 40	+0,8 +3,0	-0,8 -3,0	10,20	□	10,20	□
65 x 50			7,29	□	7,29	□
70 x 30			14,91	□	14,91	■
70 x 40			12,54	□	12,54	□
70 x 50			9,63	■	9,63	□

Other standard length: [1000 mm^[2]]^[1]: tolerances according to DIN EN 15860, except for the tubes dia. 70 x 30 and 100 x 40 mm^[2]: tolerance on the length -0/+3 %^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

▢ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertacetal®



Polyacetal [POM-C]

Ertacetal® C natural/black

TUBES

Diameters [mm] O.D. x I.D.	Tolerances ^[1] on the diameters [mm]		Ertacetal® C natural		Ertacetal® C black	
			Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]	
	O.D.	I.D.				
75 x 50			12,15	□	12,15	□
75 x 60			8,55	□	8,55	□
80 x 40	+0,8 +3,0	-0,8 -3,0	17,73	■	17,73	□
80 x 50			14,82	□	14,82	□
80 x 60			11,25	□	11,25	□
90 x 40			24,24	□	24,24	□
90 x 50	+1,2 +3,6	-1,6 -5,0	21,45	■	21,45	□
90 x 60			17,94	□	17,94	□
90 x 70			13,80	□	13,80	□
100 x 40	+1,2 +3,6	-1,6 -6,5	31,05	□	31,05	□
100 x 50			27,99	□	27,99	□
100 x 60	+1,2 +3,6	-1,6 -5,0	24,51	□	24,51	□
100 x 80			15,51	□	15,51	□
115 x 50			39,90	□	39,90	□
115 x 70			32,40	□	32,40	□
115 x 90			22,17	□	22,17	□
125 x 50			48,15	□	48,15	□
125 x 80			35,85	□	35,85	□
125 x 100	+1,5 +4,5	-2,0 -6,5	24,33	□	24,33	□
140 x 70			54,45	□	54,45	□
140 x 90			44,10	□	44,10	□
150 x 60			68,40	□	68,40	□
150 x 80			59,55	□	59,55	□
150 x 100			48,00	□	48,00	□
160 x 80			71,25	□	71,25	□
160 x 100			59,70	□	59,70	□
180 x 90	+1,8 +5,4	-2,2 -7,5	89,25	□	89,25	□
180 x 120			69,00	□	69,00	□
180 x 140			52,05	□	52,05	□
200 x 100			110,25	□	110,25	□
200 x 120	+2,0 +6,0	-2,5 -8,5	96,15	□	96,15	□
200 x 150			69,90	□	69,90	□
200 x 160			59,85	□	59,85	□
225 x 150			111,50	□	111,50	□
225 x 175	+3,0 +9,0	-3,0 -12,0	85,35	□	85,35	□
250 x 150			152,60	□	152,60	□
250 x 200			96,00	□	96,00	□
280 x 150			208,80	□	—	—
280 x 200			152,70	□	—	—
320 x 150	+3,0 +11,0	-3,5 -14,0	293,90	□	—	—
320 x 200			239,10	□	—	—
350 x 200			306,9	□	—	—
350 x 300			139,70	□	—	—

Other standard length: [1000 mm^[2]]^[1]: tolerances according to DIN EN 15860, except for the tubes dia. 70 x 30 and 100 x 40 mm^[2]: tolerance on the length -0/+3 %^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

▣ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Acetron® MD



Polyacetal [POM-C]

Acetron® MD

ROUND RODS			
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Acetron® MD	
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]	
30	+0,2 +1,2	3,36	■
50	+0,3 +2,0	9,33	■
80	+0,4 +3,0	23,82	■
125	+0,8 +3,5	57,60	☒
Other standard length: [1000 mm ^[2]]			

^[1]: tolerances according to DIN EN 15860

^[2]: tolerance on the length -0/+3 %

^[3]: average production weight

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]

☒ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Acetron® MD



Polyacetal [POM-C]

Acetron® MD

PLATES			
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Acetron® MD	
		Standard size per piece: [610x3000 mm ^[2]] [kg/pce ^[3]]	
20	+0,3 +1,5	59,40	■
40	+0,5 +2,5	117,90	■
80	+0,5 +5,0	234,90	■
Other standard size: [610x1000 mm ^[2]]			

^[1]: tolerances according to DIN EN 15860^[2]: tolerances: width +5/+25 mm, length -0/+3%^[3]: average production weight■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]☒ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalyte®



Polyethylene Terephthalate [PET] [PET + SOLID LUBRICANT]

Ertalyte® natural/black

Ertalyte® TX

ROUND RODS							
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Ertalyte® natural		Ertalyte® black		Ertalyte® TX	
		[kg/pce ^[3]]	Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]	[kg/pce ^[3]]	[kg/pce ^[3]]	[kg/pce ^[3]]	[kg/pce ^[3]]
10	+0,1 +0,5	0,35	■	0,35	□	0,37	□
12		0,52	□	0,52	□	0,53	■
14		0,70	□	0,70	□	0,72	□
15		0,80	■	0,80	□	0,82	□
16	+0,2 +0,7	0,91	□	0,91	□	0,93	■
18		1,14	□	1,14	□	1,17	□
20		1,40	■	1,40	■	1,44	■
22		1,71	□	1,71	□	1,76	□
25	+0,2 +0,9	2,19	■	2,19	□	2,25	■
28		2,73	□	2,73	□	2,81	□
30		3,12	■	3,12	■	3,21	■
32		3,57	□	3,57	□	3,66	□
36	+0,2 +1,1	4,50	■	4,50	□	4,62	■
40		5,52	■	5,52	□	5,70	■
45		7,02	■	7,02	□	7,23	■
50	+0,3 +1,3	8,64	■	8,64	■	8,88	■
56		10,80	■	10,80	□	11,10	□
60		12,45	■	12,45	□	12,78	■
65	+0,3 +1,6	14,55	■	14,55	□	14,97	□
70		16,86	■	16,86	□	17,34	■
75		19,44	□	19,44	□	20,01	□
80	+0,4 +2,0	22,08	■	22,08	■	22,71	■
85	+0,5 +2,2	24,96	□	24,96	□	25,68	□
90		27,93	■	27,93	□	28,74	■
100	+0,6 +2,5	34,50	■	34,50	□	35,55	■
110	+0,7 +3,0	41,85	■	41,85	□	43,05	□
120	+0,8 +3,5	49,95	■	49,95	□	51,45	■
125		54,15	□	54,15	□	55,65	□
130	+0,9 +3,8	58,65	■	58,65	□	60,30	□
140		67,80	□	67,80	□	69,75	□
150	+1,0 +4,2	78,00	■	78,00	■	80,25	■
160	+1,1 +4,5	88,80	■	—	—	91,20	□
170		100,35	□	—	—	103,20	□
180	+1,2 +5,0	112,20	■	—	—	115,50	□
190		125,25	□	—	—	128,85	□
200	+1,3 +5,5	138,45	■	—	—	142,50	□
210	+1,3 +5,8	152,70	■	—	—	—	—

Other standard length: [1000 mm^[2]]^[1]: tolerances according to DIN EN 15860^[2]: tolerance on the length -0/+3 %^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalyte®



Polyethylene Terephthalate [PET] [PET + SOLID LUBRICANT]

Ertalyte® natural

SHEETS			
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertalyte® natural	
		Standard size per piece: [1000 x 2000 mm ^[2]] [kg/pce ^[3]]	
2	-0,15 +0,15	5,74	O.R.
3	-0,20 +0,20	8,60	O.R.
4		11,40	O.R.
5	-0,25 +0,25	14,25	O.R.
6	-0,30 +0,30	17,10	O.R.
Other standard size: [1000 x 1000 mm ^[2]]			

^[1]: tolerances according to DIN EN 15860

^[2]: tolerance on width and length: -0/+3 mm

^[3]: average production weight

O.R.: available on request: please check for lead-time and minimum quantity

Ertalyte®



Polyethylene Terephthalate [PET] [PET + SOLID LUBRICANT]

Ertalyte® natural/black
Ertalyte® TX

PLATES							
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertalyte® natural		Ertalyte® black		Ertalyte® TX	
		Standard size per piece: [610 x 3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]		[kg/pce ^[3]]	
8		22,77	■	22,77	□	23,43	■
10	+0,2 +0,9	28,11	■	28,11	■	28,92	■
12		34,35	■	34,35	□	35,40	■
15		42,30	■	42,30	□	43,50	■
16	+0,3 +1,5	45,00	■	45,00	■	46,35	□
18		50,40	□	50,40	□	51,75	□
20		55,65	■	55,65	■	57,30	■
25		68,85	■	68,85	■	70,80	■
30		83,70	■	83,70	■	86,10	■
35		96,90	■	96,90	□	99,75	□
40	+0,5 +2,5	110,25	■	110,25	■	113,40	■
45		123,45	□	123,45	□	127,05	□
50		136,80	■	136,80	■	140,70	■
60	+0,5 +3,5	164,70	■	164,70	■	169,35	■
70		191,25	■	191,25	□	196,65	□
80		219,75	■	219,75	■	226,05	■
90	+0,5 +5,0	246,30	□	246,30	□	253,35	□
100		272,85	■	272,85	□	280,65	■
Other standard size: [610 x 1000 mm ^[2]]							

PLATES					
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Ertalyte® natural		Ertalyte® black	
		Standard size per piece: [1000 x 3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]	
20	+0,3 +1,5	91,25	□	91,25	□
25		—	—	—	—
30		137,20	□	137,20	□
35		—	—	—	—
40	+0,5 +2,5	180,70	□	180,70	□
45		—	—	—	—
50		224,30	□	224,30	□
60	+0,5 +3,5	270,00	□	270,00	□
70		313,50	□	313,50	□
80	+0,5 +5,0	360,20	□	360,20	□

^[1]: tolerances according to DIN EN 15860

^[2]: tolerances on width +5/+25 mm, on length -0/+3 %

^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Ertalyte®



Polyethylene Terephthalate [PET] [PET + SOLID LUBRICANT]

Ertalyte® natural
Ertalyte® TX

TUBES						
Diameters [mm] O.D. x I.D.	Tolerances ^[1] on the diameters [mm] O.D. I.D.		Ertalyte® natural		Ertalyte® TX	
			Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		[kg/pce ^[3]]	
20 x 12			1,02	□	1,05	□
25 x 15	+0,4 +1,1	-0,4 -1,1	1,55	□	1,59	□
30 x 20			1,92	□	1,98	■
36 x 20			3,48	■	3,60	■
40 x 20			4,53	□	4,68	■
40 x 30	+0,6 +2,0	-0,6 -2,0	2,96	□	3,03	□
45 x 30			4,41	■	4,56	□
50 x 30			6,06	□	6,24	□
50 x 40			3,81	□	3,90	□
55 x 45			4,44	□	4,59	□
60 x 30	+0,8 +2,5	-0,8 -2,5	10,02	■	10,32	■
60 x 40			7,80	□	8,01	■
65 x 50			7,23	□	7,44	□
70 x 30			14,79	□	15,10	□
70 x 40			12,45	□	12,81	□
70 x 50	+0,8 +3,0	-0,8 -3,0	9,57	■	9,84	□
75 x 60			8,49	□	8,73	□
80 x 40			17,61	■	18,09	□
80 x 50			14,70	□	15,12	□
80 x 60			11,16	■	11,46	□
90 x 40			24,10	□	24,75	□
90 x 50			21,27	■	21,90	□
90 x 60			17,80	□	18,33	□
90 x 70			13,68	□	14,07	■
100 x 40	+1,2 +3,6	-1,6 -5,0	30,60	□	31,65	□
100 x 50			27,81	□	28,59	□
100 x 60			24,35	□	25,05	□
100 x 80			15,42	■	15,84	■
115 x 50			39,60	□	40,80	□
115 x 70			32,10	■	33,00	■
115 x 90			22,00	□	22,62	□
125 x 50	+1,5 +4,5	-2,0 -6,5	47,85	■	49,20	□
125 x 80			35,70	□	36,60	□
140 x 70			54,00	■	55,50	■
140 x 90			43,80	□	45,15	□
160 x 80			70,65	■	72,75	■
160 x 100			59,25	□	61,05	□
180 x 80	+1,8 +5,4	-2,2 -7,5	93,90	□	96,60	□
180 x 100			82,50	□	84,90	□
180 x 140			51,75	□	53,25	□
200 x 100			109,50	□	112,50	■
200 x 140	+2,0 +6,0	-2,5 -8,5	78,75	□	81,00	□
200 x 160			59,40	□	61,05	□

Other standard length: [1000 mm^[2]]^[1]: tolerances according to DIN EN 15860^[2]: tolerance on the length: -0/+3%^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

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improved availability possible upon customer planning]

Quadrant® 1000 PC



Polycarbonate [PC]

Quadrant® 1000 PC natural

ROUND RODS				
Diameters [mm]	Tolerances ^[1] on the diameters [mm]	Quadrant® 1000 PC natural		
		Standard length per piece: [3000 mm ^[2]] [kg/pce ^[3]]		
6	+0,1 +0,4	0,11	<input type="checkbox"/>	
8	+0,1 +0,5	0,20	<input type="checkbox"/>	
10	+0,1 +0,5	0,30	<input checked="" type="checkbox"/>	
12		0,45	<input type="checkbox"/>	
16	+0,2 +0,9	0,79	<input type="checkbox"/>	
20		1,21	<input checked="" type="checkbox"/>	
22		1,48	<input type="checkbox"/>	
25		1,89	<input type="checkbox"/>	
28	+0,2 +1,2	2,37	<input type="checkbox"/>	
30		2,70	<input checked="" type="checkbox"/>	
32		3,06	<input type="checkbox"/>	
36	+0,2 +1,6	3,90	<input type="checkbox"/>	
40		4,80	<input checked="" type="checkbox"/>	
45		6,12	<input type="checkbox"/>	
50	+0,3 +2,0	7,50	<input checked="" type="checkbox"/>	
56		9,36	<input type="checkbox"/>	
60		10,83	<input checked="" type="checkbox"/>	
65	+0,3 +2,5	12,66	<input type="checkbox"/>	
70		14,64	<input type="checkbox"/>	
75	+0,4 +3,0	16,89	<input type="checkbox"/>	
80		19,17	<input checked="" type="checkbox"/>	
90	+0,5 +3,4	24,27	<input type="checkbox"/>	
100	+0,6 +3,8	29,97	<input type="checkbox"/>	
110	+0,7 +4,2	36,30	<input type="checkbox"/>	
120	+0,8 +4,6	43,20	<input checked="" type="checkbox"/>	
125		46,80	<input type="checkbox"/>	
130	+0,9 +5,4	50,85	<input type="checkbox"/>	
140		58,80	<input type="checkbox"/>	
150	+1,0 +5,8	67,50	<input type="checkbox"/>	
160	+1,1 +6,3	76,95	<input type="checkbox"/>	
170	+1,2 +7,4	87,15	<input type="checkbox"/>	
180		97,50	<input type="checkbox"/>	
190	+1,3 +8,5	109,05	<input type="checkbox"/>	
200		120,45	<input type="checkbox"/>	
Other standard length: [1000 mm ^[2]]				

^[1]: tolerances according to DIN EN 15860

^[2]: tolerance on the length -0/+3 %

^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Quadrant® 1000 PC



Polycarbonate [PC]

Quadrant® 1000 PC natural

PLATES			
Thicknesses [mm]	Tolerances ^[1] on the thicknesses [mm]	Quadrant® 1000 PC natural	
		Standard size per piece: [620 x 3000 mm ^[2]] [kg/pce ^[3]]	
15		37,65	<input checked="" type="checkbox"/>
18	+0,3 +1,5	44,55	<input type="checkbox"/>
20		49,20	<input checked="" type="checkbox"/>
25		60,75	<input checked="" type="checkbox"/>
30		74,25	<input checked="" type="checkbox"/>
40	+0,5 +2,5	97,50	<input checked="" type="checkbox"/>
50		120,75	<input checked="" type="checkbox"/>
Other standard size: [620 x 1000 mm ^[2]]			

^[1]: tolerances according to DIN EN 15860

^[2]: tolerances on widths: +5/+25 mm, on length -0/+3 %

^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

TIVAR® Proprietary Grades

TIVAR® | Borotron®



Quadrant Engineering Plastic Products focuses on innovation by modification of TIVAR® 1000 standard materials in order to meet specific requirements of our customers. The TIVAR® Proprietary Grades offer improved sliding and wear properties, static dissipative characteristics, enhanced release properties or other improved characteristics.

TIVAR®

TIVAR DrySlide [UHMW-PE + internal lubricant + other additives; colour: black]

Thanks to the lubricant built into a UHMW-PE matrix with higher molecular weight, TIVAR DrySlide offers a lower coefficient of friction and enhanced wear and abrasion resistance than TIVAR 1000. The additives used also make this material static dissipative and considerably improve UV-resistance.

TIVAR HPV [UHMW-PE + internal lubricant]

This high performance TIVAR bearing grade provides a better wear resistance than TIVAR 1000, combined with a near zero level of «stick-slip». The elimination of stick-slip, mostly associated with chatter and/or squeaking, provides an extraordinary amount of motion control for high-precision applications.

TIVAR TECH [UHMW-PE + MoS₂; colour: grey-black]

This UHMW-PE grade with extremely high degree of polymerisation contains molybdenum disulphide, resulting in a material with improved wear resistance and sliding properties over TIVAR 1000.

TIVAR DS [UHMW-PE + additives; standard colours: grey, yellow]

TIVAR DS is a modified UHMW-PE with extremely high molecular weight. The latter in combination with a particular manufacturing process results in a UHMW-PE grade with superior wear and abrasion resistance over TIVAR 1000.

TIVAR Ceram P [UHMW-PE + micro glass beads + other additives; standard colour: yellow-green]

TIVAR Ceram P is a wear improved UHMW-PE material with incorporated micro glass beads, specifically developed for use in the dewatering zone of high-speed paper machinery equipped with plastic wires and manufacturing paper with high abrasive filler content.

TIVAR SuperPlus [UHMW-PE, partially cross-linked + specific additives; colour: grey]

TIVAR SuperPlus is a wear optimised, partially cross-linked UHMW-PE material with extremely high degree of polymerisation for use in most demanding applications and environments.

TIVAR H.O.T. [UHMW-PE + specific additives; colour: bright-white]

TIVAR H.O.T. [Higher Operating Temperature] is formulated to maintain inherent UHMW-PE key properties over an extended service temperature range, in this way considerably increasing part life in low load bearing applications up to temperatures as high as 125 °C. Special additives reduce the oxidation rate of the material at higher temperatures thereby slowing down material degradation and extending wear-life. TIVAR H.O.T. also features a food contact compliant composition.

TIVAR® Proprietary Grades

TIVAR® | Borotron®

TIVAR Burnguard [UHMW-PE + flame retardant + other additives; colour: black with silver coloured spots]

TIVAR Burnguard is a UHMW-PE grade containing a very effective non-halogenated flame retardant. Specifically developed to improve the poor flammability behaviour of straight forward virgin polyethylene, it meets the requirements of UL 94 V-0 as of 6 mm thickness and is self-extinguishing. The additives used also render this material static dissipative and considerably improve UV-resistance.

TIVAR CleanStat [UHMW-PE + specific additives; colour: black]

TIVAR CleanStat is a UHMW-PE grade for use in food processing and pharmaceutical industries. It exhibits static dissipative properties and has a food contact compliant composition.

TIVAR 1000 ASTL [UHMW-PE + specific additives; colour: black]

TIVAR 1000 ASTL, based on a UHMW-PE grade with extremely high molecular weight, has been specifically developed for tough anti-abrasion applications. TIVAR 1000 ASTL shows a higher wear and abrasion resistance and a lower surface resistivity than TIVAR 1000 antistatic. The additives used also render this material static dissipative and highly UV-resistant.

TIVAR 1000 EC [UHMW-PE + specific additives, electrically conductive; colour: black]

TIVAR 1000 EC is a UHMW-PE grade containing specific additives rendering this material a lower surface resistivity than TIVAR 1000 antistatic, improving electrical conductivity and UV-resistance.

TIVAR MD [UHMW-PE; colour blue]

This PE-UHMW grade with extremely high degree of polymerisation contains a metal detectable additive which does hardly affect the inherent PE-UHMW key properties. TIVAR MD presents excellent toughness and impact strength, an even improved wear and abrasion resistance when compared with TIVAR 1000, and it also features a food contact compliant composition. TIVAR MD has been specifically tailored for use in the food processing and packaging industries where it can easily be traced by the conventional metal detection systems installed to detect contamination of the foodstuffs (results may vary depending on the sensitivity of the metal detection system used).

Borotron®

Borotron UH015 | UH030 | UH050 & HM015 | HM030 | HM050

[UHMW-PE [UH] or HMW-PE [HM] + boron based additives; standard colour: natural]

Borotron UH and Borotron HM are boron loaded [U]HMW-PE grades, specifically developed for neutron shielding purposes in nuclear installations. The high hydrogen content of [U]HMW-PE makes it very suitable for slowing down fast neutrons to lower energy thermal [slow] neutrons, which are then absorbed by the added boron compound. Whereas both HMW-PE and UHMW-PE are suitable for neutron shielding, UHMW-PE is often preferred because of its better deformation behaviour at high temperatures and its superior impact strength and wear resistance.



TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® DrySlide

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]		
		skived			skived		
		[kg/pce ^[2]]	[kg/pce ^[2]]		[kg/pce ^[2]]	[kg/pce ^[2]]	
1	-0,0 +0,4	2,31	□	-	-	-	
2		3,84	□	-0,0 +0,4	7,75	□	
3		5,77	□		10,60	□	
4	-0,2 +0,2	7,69	□	-0,2 +0,2	14,10	□	
5		9,61	□		17,60	□	
6	-0,3 +0,3	11,53	□	-0,3 +0,3	21,00	■	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]	[kg/pce ^[2]]		[kg/pce ^[2]]	[kg/pce ^[2]]	
8		-	-		29,70	■	
10		-	-		37,00	■	
12		-	-		55,10	□	
15		30,10	□		55,14	□	
20		40,10	■		73,28	□	
25		50,10	□		91,40	■	
30	-0,2 +0,2	60,10	□	-0,0 +0,4	109,60	■	
35		70,14	□		127,70	□	
40		80,20	■		145,83	□	
45		90,18	□		163,97	□	
50		100,20	■		182,10	□	
60		120,24	□		218,39	□	
70		140,28	□		254,66	□	
80		160,32	□		291,30	□	
90		180,36	□		327,58	□	
100		200,40	□		363,86	□	
110		220,44	□	-0,0 +0,6	400,13	□	
120		240,48	□		-	O.R.	
130		260,52	□		-	-	
140		280,55	□		-	-	
150		300,59	□		-	-	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.

Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® DrySlide

PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]] pressed	
		[kg/pce ^[2]]	
10	-0,0 +0,4	122,30	O.R.
12		146,30	O.R.
15		182,30	O.R.
20		242,30	O.R.
25		302,20	O.R.
30		362,20	O.R.
35		422,20	O.R.
40		482,20	O.R.

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.

Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® HPV

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed [kg/pce ^[2]]			pressed [kg/pce ^[2]]		
10	-0,2 +0,2	20,60	<input type="checkbox"/>	-0,0 +0,4	37,00	<input type="checkbox"/>	
12		24,00	<input type="checkbox"/>		44,30	<input type="checkbox"/>	
15		30,10	<input type="checkbox"/>		55,10	<input type="checkbox"/>	
20		40,10	<input checked="" type="checkbox"/>		73,30	<input type="checkbox"/>	
25		50,10	<input type="checkbox"/>		91,40	<input checked="" type="checkbox"/>	
30		60,10	<input type="checkbox"/>		109,60	<input checked="" type="checkbox"/>	
35		70,10	<input type="checkbox"/>		127,70	<input type="checkbox"/>	
40		80,20	<input checked="" type="checkbox"/>		145,80	<input type="checkbox"/>	
45		90,20	<input type="checkbox"/>		164,00	<input type="checkbox"/>	
50		100,20	<input type="checkbox"/>		182,10	<input type="checkbox"/>	
60		120,20	<input type="checkbox"/>		218,40	<input type="checkbox"/>	
70		140,30	<input type="checkbox"/>		254,70	<input type="checkbox"/>	
80		160,30	<input type="checkbox"/>		290,90	<input type="checkbox"/>	
90		180,40	<input type="checkbox"/>		327,60	<input type="checkbox"/>	
100	-0,3 +0,3	200,40	<input type="checkbox"/>		363,90	<input type="checkbox"/>	
110		220,40	<input type="checkbox"/>		400,10	O.R.	
120		240,50	<input type="checkbox"/>	-0,0 +0,6	436,40	O.R.	
130		260,50	<input type="checkbox"/>		—	—	
140		280,60	<input type="checkbox"/>		—	—	
150		300,60	<input type="checkbox"/>		—	—	

^[1]: tolerances on widths and lengths [mm]:

plate size 1010 x 2010 / 1220 x 3050	width -0,0 +30,0	length -0,0 +60,0
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^[2]: average production weight

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.

Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® TECH

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]		
		skived			skived		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
1	-0,0 +0,4	2,31	□	-	-	-	
2		3,84	□	-0,0 +0,4	7,75	□	
3		5,80	□		10,57	□	
4	-0,2 +0,2	7,70	□	-0,2 +0,2	14,09	□	
5		9,61	□		17,61	□	
6	-0,3 +0,3	11,50	□	-0,3 +0,3	21,10	□	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
8		15,72	□		29,70	□	
10		20,00	□		37,00	□	
12		24,00	□		44,30	□	
15		30,10	□		55,10	□	
20		40,10	■		73,30	□	
25		50,10	□		91,40	□	
30	-0,2 +0,2	60,10	□	-0,0 +0,4	109,60	□	
35		70,10	□		127,70	□	
40		80,20	■		145,83	□	
45		90,18	□		163,97	□	
50		100,20	□		182,10	□	
60		120,24	□		218,40	□	
70		140,30	□		254,70	□	
80		160,32	□		291,30	□	
90		180,36	□		327,58	□	
100		200,40	□		363,86	□	
110		220,44	□	-0,0 +0,6	400,13	□	
120		240,48	□		436,41	O.R.	
130		260,52	□		-	-	
140		280,55	□		-	-	
150		300,59	□		-	-	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.



TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® TECH

PLATES						
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]]	
		pressed [kg/pce ^[2]]			pressed [kg/pce ^[2]]	
8		19,80	□		—	—
10		24,60	□		122,30	O.R.
12		29,50	□		146,30	O.R.
15		36,70	□		182,30	O.R.
20		48,80	□		242,30	O.R.
25		60,80	□		302,20	O.R.
30	-0,0 +0,4	72,90	□	-0,0 +0,4	362,20	O.R.
35		84,99	□		422,20	O.R.
40		97,10	□		482,20	O.R.
45		109,10	□		—	—
50		121,20	□		—	—
60		145,40	□		—	—
70		169,50	□		—	—
80		193,89	□		—	—
90		218,03	□		—	—
100	-0,0 +0,6	242,18	□	-0,0 +0,6	—	—
110		266,32	□		—	—
120		290,47	O.R.		—	—

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1220 x 2020 / 2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

○ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® DS, grey

PLATES								
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]			
		skived			skived			
		[kg/pce ^[2]]			[kg/pce ^[2]]			
1	-0,0 +0,4	2,31	□	-	-	-	-	
2		3,80	□	-0,0 +0,4	7,75	□		
3		5,80	■		10,57	□		
4	-0,2 +0,2	7,70	□	-0,2 +0,2	14,09	□		
5		9,60	■		17,61	□		
6	-0,3 +0,3	11,50	□	-0,3 +0,3	21,13	□		
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]			
		pressed			pressed			
		[kg/pce ^[2]]			[kg/pce ^[2]]			
8		16,00	■		29,70	■		
10		20,00	■		37,00	■		
12		24,00	■		44,26	□		
15		30,10	■		55,10	■		
20		40,10	■		73,30	■		
25		50,10	■		91,42	□		
30	-0,2 +0,2	60,10	■	-0,0 +0,4	109,60	■		
35		70,14	□		127,70	□		
40		80,20	■		145,80	■		
45		90,18	□		164,00	□		
50		100,20	■		182,10	□		
60		120,24	■		218,40	□		
70		140,30	■		254,66	□		
80		160,30	■		291,30	□		
90		180,40	■		327,58	□		
100		200,40	■		363,86	□		
110		220,40	□		400,13	□		
120		240,48	□		436,41	O.R.		
130		260,52	□		-	-		
140		280,55	□		-	-		
150		300,59	□		-	-		

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.



TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® DS, grey

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
8		19,80	□		—	—	
10		24,60	□		122,30	O.R.	
12		29,50	□		146,30	O.R.	
15		36,70	□		182,30	O.R.	
20		48,80	□		242,30	O.R.	
25		60,80	□		302,20	O.R.	
30	-0,0 +0,4	72,90	□	-0,0 +0,4	362,20	O.R.	
35		85,00	□		422,20	O.R.	
40		97,10	□		482,20	O.R.	
45		109,10	□		—	—	
50		121,20	□		—	—	
60		145,40	□		—	—	
70		169,50	□		—	—	
80		193,90	□		—	—	
90		218,00	□		—	—	
100	-0,0 +0,6	242,20	□	-0,0 +0,6	—	—	
110		266,32	□		—	—	
120		290,50	O.R.		—	—	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1220 x 2020 / 2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® DS, yellow

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]		
		skived			skived		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
1	-0,0 +0,4	2,31	<input type="checkbox"/>	-	-	-	
2		3,84	<input type="checkbox"/>	-0,0 +0,4	7,75	<input type="checkbox"/>	
3		5,80	<input type="checkbox"/>		10,57	<input type="checkbox"/>	
4	-0,2 +0,2	7,70	<input type="checkbox"/>	-0,2 +0,2	14,09	<input type="checkbox"/>	
5		9,61	<input type="checkbox"/>		17,60	<input type="checkbox"/>	
6	-0,3 +0,3	11,53	<input type="checkbox"/>	-0,3 +0,3	21,10	<input type="checkbox"/>	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
8		16,00	O.R.		29,75	<input type="checkbox"/>	
10		20,00	<input type="checkbox"/>		37,00	<input type="checkbox"/>	
12		24,00	<input type="checkbox"/>		44,26	<input type="checkbox"/>	
15		30,10	<input type="checkbox"/>		55,14	<input type="checkbox"/>	
20		40,10	<input type="checkbox"/>		73,28	<input type="checkbox"/>	
25		50,10	<input type="checkbox"/>		91,42	<input type="checkbox"/>	
30	-0,2 +0,2	60,10	<input type="checkbox"/>	-0,0 +0,4	109,56	<input type="checkbox"/>	
35		70,14	<input type="checkbox"/>		127,69	<input type="checkbox"/>	
40		80,20	<input type="checkbox"/>		145,83	<input type="checkbox"/>	
45		90,18	<input type="checkbox"/>		163,97	<input type="checkbox"/>	
50		100,20	<input type="checkbox"/>		182,11	<input type="checkbox"/>	
60		120,24	<input type="checkbox"/>		218,39	<input type="checkbox"/>	
70		140,28	<input type="checkbox"/>		254,66	<input type="checkbox"/>	
80		160,32	<input type="checkbox"/>		291,30	<input type="checkbox"/>	
90		180,36	<input type="checkbox"/>		327,58	<input type="checkbox"/>	
100		200,40	<input type="checkbox"/>		363,86	<input type="checkbox"/>	
110	-0,3 +0,3	220,44	<input type="checkbox"/>	-0,0 +0,6	400,13	<input type="checkbox"/>	
120		240,48	<input type="checkbox"/>		436,41	O.R.	
130		260,52	<input type="checkbox"/>		-	-	
140		280,55	<input type="checkbox"/>		-	-	
150		300,59	<input type="checkbox"/>		-	-	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.



TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® DS, yellow

PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]] pressed	
		[kg/pce ^[2]]	
10	-0,0 +0,4	122,30	O.R.
12		146,30	O.R.
15		182,30	O.R.
20		242,30	O.R.
25		302,20	O.R.
30		362,20	O.R.
35		422,20	O.R.
40		482,20	O.R.

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® Ceram P

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]		
		skived			skived		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
1	-0,0 +0,4	2,37	<input type="checkbox"/>	-	-	-	
2		3,95	<input type="checkbox"/>	-0,0 +0,4	7,96	<input type="checkbox"/>	
3		5,92	<input type="checkbox"/>		10,85	<input type="checkbox"/>	
4	-0,2 +0,2	7,89	<input type="checkbox"/>	-0,2 +0,2	14,47	<input type="checkbox"/>	
5		9,87	<input type="checkbox"/>		18,08	<input type="checkbox"/>	
6	-0,3 +0,3	11,80	<input type="checkbox"/>	-0,3 +0,3	21,70	<input type="checkbox"/>	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
8		16,14	O.R.		30,50	<input type="checkbox"/>	
10		20,60	<input type="checkbox"/>		38,00	<input checked="" type="checkbox"/>	
12		24,70	<input type="checkbox"/>		45,40	<input type="checkbox"/>	
15		30,90	<input type="checkbox"/>		56,60	<input type="checkbox"/>	
20		41,20	<input checked="" type="checkbox"/>		75,20	<input checked="" type="checkbox"/>	
25		51,40	<input type="checkbox"/>		93,90	<input type="checkbox"/>	
30	-0,2 +0,2	61,73	<input type="checkbox"/>	-0,0 +0,4	112,50	<input checked="" type="checkbox"/>	
35		72,00	<input type="checkbox"/>		131,10	<input type="checkbox"/>	
40		82,30	<input checked="" type="checkbox"/>		149,73	<input type="checkbox"/>	
45		92,59	<input type="checkbox"/>		168,36	<input type="checkbox"/>	
50		102,90	<input checked="" type="checkbox"/>		186,98	<input type="checkbox"/>	
60		123,50	<input type="checkbox"/>		224,23	<input type="checkbox"/>	
70		144,03	<input type="checkbox"/>		261,47	<input type="checkbox"/>	
80		164,60	<input type="checkbox"/>		299,09	<input type="checkbox"/>	
90		185,18	<input type="checkbox"/>		336,34	<input type="checkbox"/>	
100		205,75	<input type="checkbox"/>		373,59	<input type="checkbox"/>	
110		226,30	<input type="checkbox"/>		410,83	<input type="checkbox"/>	
120		246,91	<input type="checkbox"/>		448,08	O.R.	
130		267,48	<input type="checkbox"/>		-	-	
140		288,06	<input type="checkbox"/>		-	-	
150		308,63	<input type="checkbox"/>		-	-	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® Ceram P

PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]] pressed	
		[kg/pce ^[2]]	
10	-0,0 +0,4	125,60	O.R.
12		150,20	O.R.
15		187,20	O.R.
20		248,80	O.R.
25		310,30	O.R.
30		371,90	O.R.
35		433,50	O.R.
40		495,10	O.R.

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® SuperPlus

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
10	-0,2 +0,2	20,58	O.R.	-0,0 +0,4	37,99	O.R.	
12		24,70	<input type="checkbox"/>		45,44	<input type="checkbox"/>	
15		30,90	<input type="checkbox"/>		56,62	<input type="checkbox"/>	
20		41,20	<input checked="" type="checkbox"/>		75,24	<input type="checkbox"/>	
25		51,40	<input type="checkbox"/>		93,86	<input type="checkbox"/>	
30		61,70	<input type="checkbox"/>		112,49	<input type="checkbox"/>	
35		72,00	<input type="checkbox"/>		131,11	<input type="checkbox"/>	
40		82,30	<input checked="" type="checkbox"/>		149,73	<input type="checkbox"/>	
45		92,60	<input type="checkbox"/>		168,36	<input type="checkbox"/>	
50		102,88	<input type="checkbox"/>		186,98	<input type="checkbox"/>	
60		123,45	<input type="checkbox"/>		224,23	<input type="checkbox"/>	
70		144,00	<input type="checkbox"/>		261,47	<input type="checkbox"/>	
80		164,60	<input type="checkbox"/>		299,09	<input type="checkbox"/>	
90		185,18	<input type="checkbox"/>		336,34	<input type="checkbox"/>	
100		205,75	<input type="checkbox"/>		373,59	<input type="checkbox"/>	
110	-0,3 +0,3	226,33	O.R.	-0,0 +0,6	410,83	O.R.	
120		246,91	O.R.		448,08	O.R.	
130		267,48	O.R.		—	—	
140		288,06	O.R.		—	—	
150		308,63	O.R.		—	—	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® SuperPlus

PLATES			
Thicknesses [mm]	Tolerances on the thickness [mm]	Standard size per piece: [2020 x 6150 mm ^[1]] pressed	
		[kg/pce ^[2]]	
10	-0,0 +0,4	125,60	O.R.
12		150,20	O.R.
15		187,20	O.R.
20		248,80	O.R.
25		310,30	O.R.
30		371,90	O.R.
35		433,50	O.R.
40		495,10	O.R.

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® H.O.T.

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]		
		skived			skived		
		[kg/pce ^[2]]	[kg/pce ^[2]]		[kg/pce ^[2]]	[kg/pce ^[2]]	
1	-0,0 +0,4	2,31	□	-	-	-	
2		3,84	□	-0,0 +0,4	7,75	□	
3		5,80	□		10,57	□	
4	-0,2 +0,2	7,70	□	-0,2 +0,2	14,10	□	
5		9,60	□		17,60	■	
6	-0,3 +0,3	11,50	□	-0,3 +0,3	21,13	□	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]	[kg/pce ^[2]]		[kg/pce ^[2]]	[kg/pce ^[2]]	
8		16,00	O.R.		29,70	■	
10		20,00	□		37,00	□	
12		24,00	□		44,26	□	
15		30,10	□		55,14	□	
20		40,10	■		73,30	□	
25		50,10	□		91,42	□	
30	-0,2 +0,2	60,10	□	-0,0 +0,4	109,60	□	
35		70,14	□		127,69	□	
40		80,20	■		145,83	□	
45		90,18	□		163,97	□	
50		100,20	□		182,11	□	
60		120,24	□		218,39	□	
70		140,28	□		254,66	□	
80		160,32	□		291,30	□	
90		180,36	□		327,58	□	
100		200,40	□		363,86	□	
110		220,44	□	-0,0 +0,6	400,13	□	
120		240,48	□		436,41	O.R.	
130		260,52	□		-	-	
140		280,55	□		-	-	
150		300,59	□		-	-	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.



TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® H.O.T.

PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]] pressed	
		[kg/pce ^[2]]	
10	-0,0 +0,4	122,30	O.R.
12		146,30	O.R.
15		182,30	O.R.
20		242,30	O.R.
25		302,20	O.R.
30		362,20	O.R.
35		422,20	O.R.
40		482,20	O.R.

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® Burnguard

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
8		17,10	O.R.		31,81	□	
10		21,40	■		39,57	□	
12		25,70	□		47,33	□	
15		32,10	□		59,00	□	
20		42,90	■		78,37	□	
25		53,60	□		97,77	□	
30	-0,2 +0,2	64,30	■	-0,0 +0,4	117,17	□	
35		75,01	□		136,57	□	
40		85,70	■		155,97	□	
45		96,45	□		175,37	□	
50		107,16	□		194,77	□	
60		128,60	□		233,57	□	
70		150,03	□		272,37	□	
80		171,46	□		311,55	□	
90		192,89	□		350,35	□	
100		214,33	□		389,15	□	
110	-0,3 +0,3	235,76	□	-0,0 +0,6	427,95	□	
120		257,19	□		466,75	O.R.	
130		278,63	□		—	—	
140		300,06	□		—	—	
150		321,49	□		—	—	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.



TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® Burnguard

PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]] pressed	
		[kg/pce ^[2]]	
10	-0,0 +0,4	130,80	O.R.
12		156,50	O.R.
15		195,00	O.R.
20		259,10	O.R.
25		323,30	O.R.
30		387,40	O.R.
35		451,50	O.R.
40		515,70	O.R.

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® CleanStat

PLATES								
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]			
		skived			skived			
		[kg/pce ^[2]]			[kg/pce ^[2]]			
1	-0,0 +0,4	2,34	<input type="checkbox"/>	-	-	-		
2		3,91	<input type="checkbox"/>	-0,0 +0,4	7,87	<input type="checkbox"/>		
3		5,86	<input type="checkbox"/>		10,74	<input type="checkbox"/>		
4	-0,2 +0,2	7,81	<input type="checkbox"/>	-0,2 +0,2	14,32	<input type="checkbox"/>		
5		9,76	<input type="checkbox"/>		17,89	<input type="checkbox"/>		
6	-0,3 +0,3	11,72	<input type="checkbox"/>	-0,3 +0,3	21,47	<input type="checkbox"/>		
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]			
		pressed			pressed			
		[kg/pce ^[2]]			[kg/pce ^[2]]			
8		15,97	O.R.		30,22	<input type="checkbox"/>		
10		20,40	<input checked="" type="checkbox"/>		37,60	<input type="checkbox"/>		
12		24,43	<input type="checkbox"/>		44,97	<input type="checkbox"/>		
15		30,50	<input type="checkbox"/>		56,00	<input type="checkbox"/>		
20		40,70	<input checked="" type="checkbox"/>		74,50	<input type="checkbox"/>		
25		50,90	<input checked="" type="checkbox"/>		92,90	<input type="checkbox"/>		
30	-0,2 +0,2	61,10	<input checked="" type="checkbox"/>	-0,0 +0,4	111,31	<input type="checkbox"/>		
35		71,26	<input type="checkbox"/>		129,74	<input type="checkbox"/>		
40		81,40	<input checked="" type="checkbox"/>		148,20	<input type="checkbox"/>		
45		91,63	<input type="checkbox"/>		166,60	<input type="checkbox"/>		
50		101,80	<input type="checkbox"/>		185,00	<input type="checkbox"/>		
60		122,20	<input type="checkbox"/>		221,89	<input type="checkbox"/>		
70		142,53	<input type="checkbox"/>		258,70	<input type="checkbox"/>		
80		162,89	<input type="checkbox"/>		295,98	<input type="checkbox"/>		
90		183,25	<input type="checkbox"/>		332,84	<input type="checkbox"/>		
100		203,61	<input type="checkbox"/>		369,69	<input type="checkbox"/>		
110		223,97	<input type="checkbox"/>		406,55	<input type="checkbox"/>		
120		244,33	<input type="checkbox"/>		443,41	O.R.		
130		264,69	<input type="checkbox"/>		-	-		
140		285,06	<input type="checkbox"/>		-	-		
150		305,42	<input type="checkbox"/>		-	-		

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight : standard item [generally available from stock; bulk quantities to be manufactured to order] : semi-standard item [generally not available from stock, minimum order quantity 1 piece] : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.



TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® CleanStat

PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]] pressed	
		[kg/pce ^[2]]	
10	-0,0 +0,4	124,30	O.R.
12		148,70	O.R.
15		185,20	O.R.
20		246,20	O.R.
25		307,10	O.R.
30		368,00	O.R.
35		429,00	O.R.
40		489,90	O.R.

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
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TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 ASTL

PLATES				
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]] skived		
		[kg/pce ^[2]]		
1	-0,0 +0,4	2,30	<input type="checkbox"/>	
2		3,90	<input type="checkbox"/>	
3		5,80	<input type="checkbox"/>	
4	-0,2 +0,2	7,80	<input type="checkbox"/>	
5		9,70	<input type="checkbox"/>	
6	-0,3 +0,3	11,70	<input checked="" type="checkbox"/>	

PLATES						
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 2020 mm ^[1]] pressed		Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]] pressed	
		[kg/pce ^[2]]			[kg/pce ^[2]]	
8		20,00	<input type="checkbox"/>		–	–
10		24,90	<input type="checkbox"/>		123,80	O.R.
12		29,80	<input type="checkbox"/>		149,30	O.R.
15		37,10	<input checked="" type="checkbox"/>		184,50	O.R.
20		49,30	<input type="checkbox"/>		246,30	O.R.
25		61,60	<input checked="" type="checkbox"/>		305,80	O.R.
30	-0,0 +0,4	73,80	<input type="checkbox"/>		366,50	O.R.
35		86,00	<input type="checkbox"/>		427,20	O.R.
40		98,20	<input checked="" type="checkbox"/>		487,80	O.R.
45		110,42	<input type="checkbox"/>		–	–
50		122,60	<input type="checkbox"/>		–	–
60		147,10	<input checked="" type="checkbox"/>		–	–
70		171,50	<input type="checkbox"/>		–	–
80		196,20	<input type="checkbox"/>		–	–
90		220,60	<input type="checkbox"/>		–	–
100	-0,0 +0,6	245,00	<input type="checkbox"/>	-0,0 +0,6	–	–
110		269,46	<input type="checkbox"/>		–	–
120		293,89	<input type="checkbox"/> O.R.		–	–

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 2020 / 2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.

Please consult us concerning production capabilities and minimum order quantities.



TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 EC

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]		
		skived			skived		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
1	-0,0 +0,4	2,34	□	-	-	-	
2		3,91	□	-0,0 +0,4	7,87	□	
3		5,86	□		10,74	□	
4	-0,2 +0,2	7,80	□	-0,2 +0,2	14,30	□	
5		9,76	□		17,89	□	
6		11,72	□	-0,3 +0,3	21,47	□	
8	-0,3 +0,3	15,97	□		29,73	□	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
10		20,36	□		37,60	□	
12		24,43	□		44,97	□	
15		30,54	□		56,03	□	
20		40,72	□		74,45	□	
25		50,90	□		92,90	□	
30		61,08	□		111,31	□	
35	-0,2 +0,2	71,26	□	-0,0 +0,4	129,74	□	
40		81,44	□		148,17	□	
45		91,60	□		166,60	□	
50		101,81	□		185,03	□	
60		122,17	□		221,89	□	
70		142,53	□		258,75	□	
80		162,89	□		295,98	□	
90		183,25	□		332,84	□	
100		203,61	□		369,69	□	
110	-0,3 +0,3	223,97	□	-0,0 +0,6	406,55	□	
120		244,33	□		443,41	O.R.	
130		264,69	□		-	-	
140		285,06	□		-	-	
150		305,42	□		-	-	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.



TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 EC

PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]] pressed	
		[kg/pce ^[2]]	
10	-0,0 +0,4	124,30	O.R.
12		148,67	O.R.
15		185,23	O.R.
20		246,17	O.R.
25		307,10	O.R.
30		368,03	O.R.
35		428,96	O.R.
40		489,89	O.R.

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.



TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [UHMW-PE]

Borotron® UH015 | UH030 | UH050

PLATES											
Thicknesses	Tolerances on the thicknesses	Standard size per piece: [1010 x 2020 mm ^[1]] pressed				Tolerances on the thicknesses	Standard size per piece: [1220 x 3050 mm ^[1]] pressed				
		UH015	UH030	UH050			UH015	UH030	UH050		
[mm]	[mm]	[kg/pce ^[2]]				[mm]	[kg/pce ^[2]]				
8		—	—	—	—		—	—	—	—	
10		20,60	21,00	21,60	O.R.		38,00	38,80	40,00	O.R.	
12		24,70	25,20	26,00	□		45,40	46,40	47,80	□	
15		30,90	31,50	32,50	□		56,60	57,80	59,60	□	
20		41,20	42,00	43,30	□		75,20	76,80	79,20	□	
25		51,40	52,50	54,10	□		93,90	95,80	98,80	□	
30	-0,2 +0,2	61,70	63,00	64,90	□	-0,0 +0,4	112,50	114,80	118,30	□	
35		72,00	73,50	75,80	□		131,10	133,80	137,90	□	
40		82,30	84,00	86,60	□		149,70	152,90	157,50	□	
45		92,60	94,50	97,40	□		168,40	171,90	177,10	□	
50		102,90	105,00	108,20	□		187,00	190,90	196,70	□	
60		123,50	126,00	129,90	□		224,20	228,90	235,90	□	
70		144,00	147,00	151,50	□		261,50	266,90	275,10	□	
80		164,60	168,00	173,20	□		299,10	305,30	314,70	□	
90		185,20	189,00	194,80	□		336,30	343,30	353,90	□	
100		205,80	210,00	216,50	□		373,60	381,40	393,00	□	
110		226,30	231,00	238,10	O.R.	-0,0 +0,6	410,80	419,40	432,20	O.R.	
120	-0,3 +0,3	246,90	252,00	259,80	O.R.		448,10	457,40	471,40	O.R.	
130		267,50	273,10	281,40	O.R.		—	—	—	—	
140		288,10	294,10	303,10	O.R.		—	—	—	—	
150		308,60	315,10	324,70	O.R.		—	—	—	—	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.



TIVAR® Proprietary Grades

Ultra High Molecular Weight Polyethylene [HMW-PE]

Borotron® HM015 | HM030 | HM050

PLATES											
Thicknesses	Tolerances on the thicknesses	Standard size per piece: [1010 x 2020 mm ^[1]] pressed				Tolerances on the thicknesses	Standard size per piece: [1220 x 3050 mm ^[1]] pressed				
		HM015	HM030	HM050			HM015	HM030	HM050		
[mm]	[mm]	[kg/pce ^[2]]				[mm]	[kg/pce ^[2]]				
8		—	—	—	—		—	—	—	—	
10		21,20	21,60	22,30	O.R.		39,20	40,00	41,20	O.R.	
12		25,50	26,00	26,70	□		46,90	47,80	49,20	□	
15		31,80	32,50	33,40	□		58,40	59,60	61,30	□	
20		42,40	43,30	44,60	■*1		77,60	79,20	81,50	□	
25		53,00	54,10	55,70	□		96,80	98,80	101,70	□	
30	-0,2 +0,2	63,70	64,90	66,90	□	-0,0 +0,4	116,00	118,30	121,90	□	
35		74,30	75,80	78,00	□		135,20	137,90	142,00	□	
40		84,90	86,60	89,20	□		154,40	157,50	162,20	□	
45		95,50	97,40	100,30	□		173,60	177,10	182,40	□	
50		106,10	108,20	111,90	■*2		192,80	196,70	202,60	□	
60		127,30	129,90	133,70	□		231,20	235,90	242,90	□	
70		148,50	151,50	156,00	□		269,60	275,10	283,30	□	
80		169,70	173,20	178,30	□		308,40	314,70	324,00	□	
90		191,00	194,80	200,60	□		346,80	353,90	364,40	□	
100		212,20	216,50	222,90	□		385,30	393,00	404,70	□	
110	-0,3 +0,3	233,40	238,10	245,20	O.R.	-0,0 +0,6	423,70	432,20	445,10	O.R.	
120		254,60	259,80	267,50	O.R.		—	—	—	—	
130		275,80	281,40	289,80	O.R.		—	—	—	—	
140		297,10	303,10	312,10	O.R.		—	—	—	—	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

*1: semi-standard item valid for HM050 only. HM015 and HM030: non-standard

*2: semi-standard item valid for HM015 only. HM030 and HM050: non-standard

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.
Please consult us concerning production capabilities and minimum order quantities.

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® DS, grey

ROUND RODS PRESSED AND TURNED					
Diameters [mm]	Tolerances on the diameters [mm]	TIVAR® DS, grey			
		Standard length: [1000 mm ^[1] / 2000 mm ^[2]] [kg / 1000 mm ^[3]]		[kg / 2000 mm ^[3]]	
20	-0,0 +1,0	0,31	■	0,65	■
25		0,48	■	0,96	■
30		0,69	■	1,37	■
35		0,93	■	1,85	■
40		1,21	■	2,41	■
45		1,53	□	3,05	□
50		1,88	■	3,75	■
55		2,27	□	4,53	□
60		2,70	■	5,38	■
70		3,66	■	7,31	□
80		4,77	■	9,53	□
90		6,03	■	12,05	□
100		7,44	■	14,85	□
110		8,99	□	—	—
120		10,69	■	—	—
125		11,60	□	—	—
130		12,54	□	—	—
140		14,53	■	—	—
150	-0,0 +2,0	16,68	■	—	—
160		18,97	□	—	—
170		21,40	□	—	—
180		23,99	■	—	—
190		26,72	□	—	—
200		29,60	■	—	—
210		32,62	□	—	—
220		35,79	□	—	—
230		39,11	□	—	—
240		42,58	□	—	—

^[1]: tolerances on the length +5/+7 mm

^[2]: tolerances on the length +15/+17 mm

^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 ASTL

ROUND RODS PRESSED AND TURNED					
Diameters [mm]	Tolerances on the diameters [mm]	TIVAR® 1000 ASTL			
		Standard length: [1000 mm ^[1] / 2000 mm ^[2]] [kg/1000 mm ^[3]]		[kg/2000 mm ^[3]]	
20	-0,0 +1,0	0,31	■	0,62	■
25		0,48	□	0,96	□
30		0,69	□	1,38	□
35		0,93	□	1,87	□
40		1,22	■	2,44	■
45		1,54	□	3,08	□
50		1,90	□	3,79	■
55		2,29	□	4,58	□
60		2,72	□	5,44	□
70		3,70	■	7,40	□
80		4,82	■	9,64	□
90		6,10	□	12,20	□
100		7,52	■	15,04	□
110		9,09	□	18,18	□
120		10,81	□	21,62	□
125		11,71	□	23,43	□
130		12,68	□	25,36	□
140		14,70	■	29,40	□
150		16,87	□	33,74	□
160		19,18	□	38,36	□
170		21,67	□	43,33	□
180		24,29	□	48,57	□
190		27,06	□	54,12	□
200	-0,0 +2,0	29,94	■	59,97	□
210		33,06	□	66,12	□
220		36,28	□	72,56	□
230		39,65	□	79,31	—
240		43,18	□	86,36	—

^[1]: tolerances on the length +5/+7 mm^[2]: tolerances on the length +15/+17 mm^[3]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® MD

ROUND RODS			
Diameters [mm]	Tolerances on the diameters [mm]	TIVAR® MD	
		Standard length per piece: [3000 mm ^[1]] [kg/pce ^[2]]	
25		1,86	■
50	-0,0*	6,44	■
80		14,40	■
Other standard length: [1000 mm ^[1]]			

^[1]: tolerance on the length -0/+60 %

^[2]: average production weights

* : with standard plus tolerances

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]

□ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

TIVAR® Proprietary Grades



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® MD

PLATES			
Thicknesses [mm]	Tolerances on the thicknesses [mm]	TIVAR® MD	
		Standard size per piece: [1200x3000 mm ^[1]] [kg/pce ^[2]]	
25	-0,0 +0,4	91,40	■
40		145,80	■
80	-0,0 +0,6	291,30	■

^[1]: tolerance on the length +/- 10 %

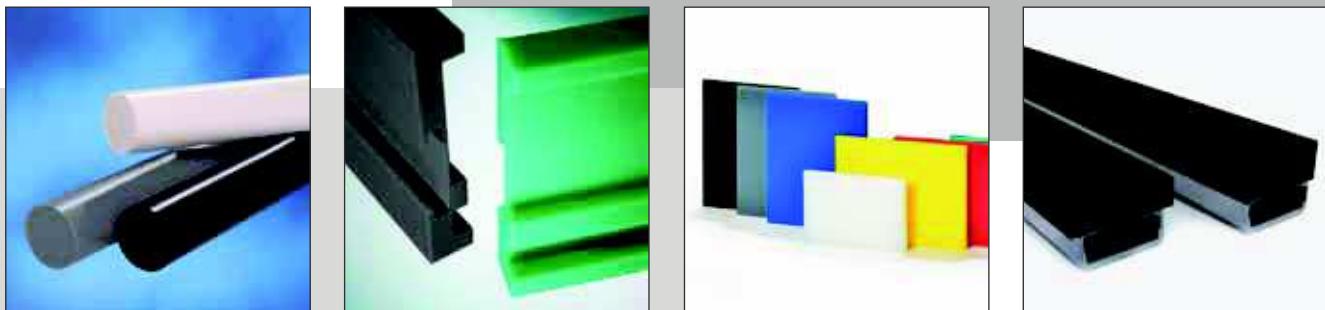
^[2]: average production weights

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]

□ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

TIVAR® Range of Materials



TIVAR is the brand name of Quadrant Engineering Plastic Products for its extensive range of virgin, partially reprocessed, coloured or modified Ultra High Molecular Weight Polyethylene stock shapes, manufactured by compression moulding or extrusion.

Main characteristics of the TIVAR range of materials:

- Very good wear and abrasion resistance
- High impact strength, even at low temperatures
- Excellent chemical resistance
- Low density compared with other thermoplastics [U 1 g/cm³]
- Low coefficient of friction
- Excellent release properties
- Very low water absorption
- Moderate mechanical strength, stiffness and creep resistance
- Very good electrical insulating and dielectric properties [except static dissipative grades]
- Excellent machinability
- Physiologically inert [several grades are suitable for food contact]
- Good resistance to high energy radiation [gamma- and X-rays]
- Not self-extinguishing [except TIVAR Burnguard]

TIVAR 1000 [UHMW-PE; standard colours: natural, green, black, blue, red, yellow]

TIVAR 1000 exhibits a very well balanced property profile. It combines a very good wear and abrasion resistance with an outstanding impact strength, even at temperatures below -200 °C.

TIVAR ECO [UHMW-PE; standard colours: green, black]

This grade, partially composed of reprocessed UHMW-PE material, has an overall lower property level than the virgin TIVAR 1000 and a lower cost. Compared with virgin PE 500, however, it has a much better impact strength and wear resistance. Our TIVAR ECO grades show a favourable price-performance ratio for applications in many kinds of industries with less demanding requirements.

TIVAR 1000 antistatic [UHMW-PE + additive; static dissipative; colour: black]

By incorporating an effective carbon black grade, TIVAR 1000 antistatic offers the electrostatic dissipative properties often required for UHMW-PE components operating at high line speeds and conveying rates, maintaining the inherent key characteristics of UHMW-PE.

TIVAR® [UHMW-PE]



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 natural

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]		
		skived			skived		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
1	-0,0 +0,4	2,30	■	-	-	-	
2		3,80	■	-0,0 +0,4	7,70	■	
3		5,80	■		10,60	■	
4	-0,2 +0,2	7,70	■	-0,2 +0,2	14,10	■	
5		9,60	■		17,60	■	
6		11,50	■	-0,3 +0,3	21,10	■	
8	-0,3 +0,3	15,40	■		28,20	■	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
10		20,00	■		37,00	■	
12		24,00	■		44,30	■	
15		30,10	■		55,10	■	
20		40,10	■		73,30	■	
25		50,10	■		91,40	■	
30		60,10	■		109,60	■	
35		70,10	□	-0,0 +0,4	127,70	□	
40		80,20	■		145,80	■	
45		90,20	□		164,00	□	
50		100,20	■		182,10	■	
60		120,20	■		218,40	□	
70		140,30	□		254,66	□	
80		160,30	■		291,30	□	
90		180,40	□		327,60	□	
100		200,40	□		363,90	□	
110		220,44	□		400,13	□	
120		240,48	□		436,41	O.R.	
130		260,52	□		472,70	O.R.	
140		280,55	□	-0,0 +0,6	509,00	O.R.	
150		300,59	□		545,20	O.R.	
160		320,60	O.R.		581,50	O.R.	
170		340,70	O.R.		-	-	
180		360,70	O.R.		-	-	
190		380,80	O.R.		-	-	
200		400,80	O.R.		-	-	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.



TIVAR® [UHMW-PE]

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 natural

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard length per piece: [1220 x 2020 mm ^[1]]		Standard length per piece: [1330 x 3050 mm ^[1]]		Standard length per piece: [2020 x 6150 mm ^[1]]	
		pressed	[kg/pce ^[2]]	pressed	[kg/pce ^[2]]	pressed	[kg/pce ^[2]]
8	-0,0 +0,4	19,80	□	32,40	□	98,35	O.R.
10		24,60	□	40,30	□	122,34	O.R.
12		29,50	□	48,20	□	146,33	O.R.
15		36,70	□	60,05	□	182,31	O.R.
20		48,80	■	79,81	□	242,28	O.R.
25		60,80	□	99,56	□	302,25	O.R.
30		72,90	■	119,31	□	362,22	O.R.
35		85,00	□	139,07	□	422,19	O.R.
40		97,10	■	158,82	□	482,16	O.R.
45		109,10	□	178,58	□	543,30	O.R.
50		121,20	□	198,33	□	603,30	O.R.
60		145,40	□	237,84	□	723,20	O.R.
70		169,50	□	277,35	□	843,20	O.R.
80		193,90	□	317,25	□	963,10	O.R.
90		218,00	□	356,76	□	1 083,10	O.R.
100	-0,0 +0,6	242,20	□	396,27	□	1 203,00	O.R.
110		266,30	□	435,77	□	-	-
120		290,47	O.R.	475,28	O.R.	-	-
130		314,60	O.R.	-	-	-	-
140		338,80	O.R.	-	-	-	-
150		362,90	O.R.	-	-	-	-
160		387,00	O.R.	-	-	-	-

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1220 x 2020 / 1330 x 3050 / 2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.

TIVAR® [UHMW-PE]



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 green

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]		
		skived			skived		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
1	-0,0 +0,4	2,30	☒	-	-	-	
2		3,80	■	-0,0 +0,4	7,70	□	
3		5,80	☒		10,60	□	
4	-0,2 +0,2	7,70	■	-0,2 +0,2	14,10	□	
5		9,60	■		17,60	□	
6		11,50	■		21,10	□	
8	-0,3 +0,3	15,40	■	-0,3 +0,3	28,20	□	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
10		20,00	■		37,00	☒	
12		24,00	☒		44,26	☒	
15		30,10	■		55,10	■	
20		40,10	■		73,30	□	
25		50,10	■		91,40	□	
30		60,10	■		109,60	□	
35	-0,2 +0,2	70,10	□	-0,0 +0,4	127,70	□	
40		80,20	■		145,80	□	
45		90,20	□		163,97	□	
50		100,20	■		182,10	□	
60		120,20	☒		218,40	☒	
70		140,30	□		254,66	□	
80		160,30	☒		291,30	□	
90		180,40	□		327,58	□	
100		200,40	□		363,86	□	
110		220,44	□		400,13	□	
120		240,48	□		436,41	O.R.	
130		260,52	□		472,70	O.R.	
140	-0,3 +0,3	280,55	□	-0,0 +0,6	509,00	O.R.	
150		300,59	□		549,20	O.R.	
160		320,60	O.R.		581,50	O.R.	
170		340,70	O.R.		-	-	
180		360,70	O.R.		-	-	
190		380,80	O.R.		-	-	
200		400,80	O.R.		-	-	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

☒ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.



TIVAR® [UHMW-PE]

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 green

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard length per piece: [1220 x 2020 mm ^[1]] pressed		Standard length per piece: [1330 x 3050 mm ^[1]] pressed		Standard length per piece: [2020 x 6150 mm ^[1]] pressed	
		[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]
8	-0,0 +0,4	19,80	□	32,40	□	98,35	O.R.
10		24,60	□	40,30	□	122,34	O.R.
12		29,50	□	48,20	□	146,33	O.R.
15		36,70	□	60,05	□	182,31	O.R.
20		48,20	□	79,81	□	242,28	O.R.
25		60,80	□	99,56	□	302,25	O.R.
30		72,90	□	119,31	□	362,22	O.R.
35		85,00	□	139,07	□	422,19	O.R.
40		97,10	□	158,82	□	482,16	O.R.
45		109,10	□	178,58	□	543,30	O.R.
50		121,20	□	198,33	□	603,30	O.R.
60		145,40	□	237,84	□	723,20	O.R.
70		169,50	□	277,35	□	843,20	O.R.
80		193,89	□	317,25	□	963,10	O.R.
90		218,03	□	356,76	□	1.083,10	O.R.
100		242,20	□	396,27	□	1.203,00	O.R.
110		266,30	□	435,77	□	–	–
120		290,47	O.R.	475,28	O.R.	–	–
130	-0,0 +0,6	314,60	O.R.	–	–	–	–
140		338,80	O.R.	–	–	–	–
150		362,90	O.R.	–	–	–	–
160		387,00	O.R.	–	–	–	–
170		–	–	–	–	–	–
195		–	–	–	–	–	–
250		–	–	–	–	–	–

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1220 x 2020 / 1330 x 3050 / 2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.

TIVAR® [UHMW-PE]



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 other colours

PLATES								
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]			
		skived			skived			
		[kg/pce ^[2]]	[kg/pce ^[2]]		[mm]	[kg/pce ^[2]]	[kg/pce ^[2]]	
1	-0,0 +0,4	2,31	-	-	-	-	-	
2		3,84	□	-0,0 +0,4		7,75	□	
3		5,77	□			10,57	□	
4	-0,2 +0,2	7,69	□	-0,2 +0,2		14,09	□	
5		9,61	□			17,60	□	
6	-0,3 +0,3	11,53	□	-0,3 +0,3		21,13	□	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]			
		pressed			pressed			
		[kg/pce ^[2]]	[kg/pce ^[2]]		[mm]	[kg/pce ^[2]]	[kg/pce ^[2]]	
8		16,00	□			29,26	□	
10		20,00	□			37,00	□	
12		24,05	□			44,26	□	
15		30,06	□			55,14	□	
20		40,08	□			73,28	□	
25		50,10	□			91,42	□	
30	-0,2 +0,2	60,12	□	-0,0 +0,4		109,56	□	
35		70,14	□			127,69	□	
40		80,16	□			145,83	□	
45		90,18	□			163,97	□	
50		100,20	□			182,11	□	
60		120,24	□			218,39	□	
70		140,28	□			254,66	□	
80		160,32	□			291,30	□	
90		180,36	□			327,58	□	
100		200,40	□			363,86	□	
110		220,44	□			400,13	□	
120		240,48	□			436,41	O.R.	
130		260,52	□			472,70	O.R.	
140	-0,3 +0,3	280,55	□	-0,0 +0,6		509,00	O.R.	
150		300,59	O.R.			545,20	O.R.	
160		320,60	O.R.			581,50	O.R.	
170		340,70	O.R.			-	-	
180		360,70	O.R.			-	-	
190		380,80	O.R.			-	-	
200		400,80	O.R.			-	-	

Colours available: TIVAR® 1000 blue/TIVAR® 1000 red/TIVAR® 1000 yellow/TIVAR® 1000 black

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020/1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

○ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.



TIVAR® [UHMW-PE]

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 other colours

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard length per piece: [1220 x 2020 mm ^[1]] pressed		Standard length per piece: [1330 x 3050 mm ^[1]] pressed		Standard length per piece: [2020 x 6150 mm ^[1]] pressed	
		[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]	[kg/pce ^[2]]
8	-0,0 +0,4	19,80	□	32,40	□	98,35	O.R.
10		24,63	□	40,30	□	122,34	O.R.
12		29,46	□	48,20	□	146,33	O.R.
15		36,70	□	60,05	□	182,31	O.R.
20		48,80	□	79,81	□	242,28	O.R.
25		60,85	□	99,56	□	302,25	O.R.
30		72,92	□	119,31	□	362,22	O.R.
35		84,99	□	139,07	□	422,19	O.R.
40		97,06	□	158,82	□	482,16	O.R.
45		109,10	□	178,58	□	543,30	O.R.
50		121,21	□	198,33	□	603,30	O.R.
60		145,35	□	237,84	□	723,20	O.R.
70		169,50	□	277,35	□	843,20	O.R.
80		193,89	□	317,25	□	963,10	O.R.
90		218,03	□	356,76	□	1 083,10	O.R.
100	-0,0 +0,6	242,18	□	396,27	□	1 203,00	O.R.
110		266,32	□	435,77	□	–	–
120		290,47	O.R.	475,28	O.R.	–	–
130		314,60	O.R.	–	–	–	–
140		338,80	O.R.	–	–	–	–
150		362,90	O.R.	–	–	–	–
160		387,00	O.R.	–	–	–	–

Colours available: TIVAR® 1000 blue/TIVAR® 1000 red/TIVAR® 1000 yellow/TIVAR® 1000 black

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1220 x 2020 / 1330 x 3050 / 2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.

TIVAR® [UHMW-PE]



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 antistatic

PLATES						
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]	
		skived [kg/pce ^[2]]			skived [kg/pce ^[2]]	
1	-0,0 +0,4	2,30	■	-	-	-
2		3,80	■	-0,0 +0,4	7,70	□
3	-0,2 +0,2	5,80	■		10,60	□
4		7,70	■	-0,2 +0,2	14,10	□
5		9,60	■		17,60	□
6	-0,3 +0,3	11,50	■	-0,3 +0,3	21,10	□
8		15,40	■		28,20	□
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]	
		pressed [kg/pce ^[2]]			pressed [kg/pce ^[2]]	
10	-0,2 +0,2	20,00	■	-0,0 +0,4	37,00	■
12		24,00	■		44,30	□
15		30,10	■		55,10	■
20		40,10	■		73,30	■
25		50,10	■		91,40	■
30		60,10	■		109,60	■
35		70,10	□		127,70	□
40		80,20	■		145,80	□
45		91,63	□		164,00	□
50		100,20	■		182,10	□
60	-0,3 +0,3	120,20	■	-0,0 +0,6	218,40	□
70		142,53	□		254,70	□
80		160,30	■		291,30	■
90		183,25	□		332,84	□
100		200,40	□		369,69	□
110		220,40	□		406,55	□
120		244,33	□		443,41	O.R.
130		264,69	□		472,70	O.R.
140		285,06	□		509,00	O.R.
150		305,42	□		545,20	O.R.
160		320,60	O.R.		581,50	O.R.
170		340,70	O.R.		-	-
180		360,70	O.R.		-	-
190		380,80	O.R.		-	-
200		400,80	O.R.		-	-

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.

TIVAR® [UHMW-PE]



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 antistatic

PLATES							
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1330 x 3050 mm ^[1]]		Tolerances on the thickness [mm]	Standard size per piece: [2020 x 6150 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
8		32,92	□		99,93	O.R.	
10		40,30	□		124,30	O.R.	
12		48,97	□		148,67	O.R.	
15		61,02	□		185,23	O.R.	
20		81,09	□		246,17	O.R.	
25		101,16	□		307,10	O.R.	
30	-0,0 +0,4	121,23	□	-0,0 +0,4	368,03	O.R.	
35		141,30	□		428,96	O.R.	
40		161,37	□		489,89	O.R.	
45		181,44	□		543,30	O.R.	
50		201,51	□		603,30	O.R.	
60		241,65	□		723,20	O.R.	
70		281,80	□		843,20	O.R.	
80		322,34	□		963,10	O.R.	
90		362,48	□		1 083,10	O.R.	
100	-0,0 +0,6	402,62	□	-0,0 +0,6	1 203,00	O.R.	
110		442,76	□		-	-	
120		482,91	O.R.		-	-	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1330 x 3050 / 2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.

TIVAR® [UHMW-PE]



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® ECO green

PLATES

Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]		
		skived			skived		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
1	-0,0 +0,4	-	-	-0,0 +0,4	-	-	
2		3,90	□		7,79	□	
3		5,80	□		10,60	□	
4		7,70	□		14,20	□	
5		9,70	□		17,70	□	
6		11,60	□		21,20	□	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]		
		pressed			pressed		
		[kg/pce ^[2]]			[kg/pce ^[2]]		
8	-0,2 +0,2	16,10	■	-0,0 +0,4	29,90	■	
10		20,10	■		37,20	■	
12		24,20	■		44,50	■	
15		30,20	■		55,40	■	
20		40,30	■		73,70	■	
25		50,40	■		91,90	■	
30		60,40	■		110,10	■	
35		70,50	□		128,40	□	
40		80,60	■		146,60	■	
45		90,66	□		164,80	□	
50		100,70	■		183,10	■	
60		120,90	■		219,60	■	
70		141,00	□		256,00	□	
80		161,20	■		292,90	■	
90		181,32	□		329,30	□	
100		201,50	□		365,80	□	
110		221,61	□		402,27	□	
120		241,76	□		438,74	O.R.	
130		261,91	□		475,20	O.R.	
140		282,05	□		511,70	O.R.	
150		302,20	□		548,20	O.R.	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.

TIVAR® [UHMW-PE]



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® ECO green

PLATES						
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]]	
		pressed	[kg/pce ^[2]]		pressed	[kg/pce ^[2]]
8		19,90	□		98,88	O.R.
10		24,80	□		122,99	O.R.
12		29,60	□		147,11	O.R.
15		36,90	□		183,28	O.R.
20		49,00	□		243,57	O.R.
25		61,20	□		303,87	O.R.
30	-0,0 +0,4	73,30	□	-0,0 +0,4	364,16	O.R.
35		85,40	□		424,45	O.R.
40		97,60	□		484,74	O.R.
45		109,70	□		546,20	O.R.
50		121,90	□		606,50	O.R.
60		146,10	□		727,10	O.R.
70		170,40	□		847,70	O.R.
80		194,90	□		968,30	O.R.
90		219,20	□		1 088,90	O.R.
100		243,50	□		1 209,40	O.R.
110	-0,0 +0,6	267,75	□	-0,0 +0,6	-	-
120		292,02	O.R.		-	-
130		-	-		-	-
140		-	-		-	-
150		-	-		-	-

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1220 x 2020/2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

○ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.

TIVAR® [UHMW-PE]



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® ECO black antistatic

PLATES								
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]			
		skived			skived			
		[kg/pce ^[2]]	[kg/pce ^[2]]		[mm]	[kg/pce ^[2]]	[kg/pce ^[2]]	
1	-0,0 +0,4	—	—	—	—	—	—	
2		3,90	□	-0,0 +0,4		7,87	□	
3		5,90	■			10,70	□	
4	-0,2 +0,2	7,80	□	-0,2 +0,2		14,30	□	
5		9,80	□			17,90	□	
6	-0,3 +0,3	11,70	□	-0,3 +0,3		21,50	□	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]			
		pressed			pressed			
		[kg/pce ^[2]]	[kg/pce ^[2]]		[mm]	[kg/pce ^[2]]	[kg/pce ^[2]]	
8		16,30	■			30,20	■	
10		20,40	■			37,60	■	
12		24,40	■			45,00	■	
15		30,50	■			56,00	■	
20		40,70	■			74,50	■	
25		50,90	■			92,90	■	
30	-0,2 +0,2	61,10	■	-0,0 +0,4		111,30	■	
35		71,26	□			129,70	□	
40		81,40	■			148,20	■	
45		91,63	□			166,60	□	
50		101,80	■			185,00	■	
60		122,20	■			221,90	■	
70		142,50	□			258,70	□	
80		162,90	■			296,00	■	
90		183,25	□			332,84	□	
100		203,60	□			369,69	□	
110		223,97	□			406,55	□	
120	-0,3 +0,3	244,33	□	-0,0 +0,6		443,41	O.R.	
130		264,69	□			480,30	O.R.	
140		285,06	□			517,10	O.R.	
150		305,42	□			554,00	O.R.	
160		314,60	O.R.			590,80	O.R.	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.



TIVAR® [UHMW-PE]

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® ECO black antistatic

PLATES						
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]]	
		pressed [kg/pce ^[2]]			pressed [kg/pce ^[2]]	
8	-0,0 +0,4	20,10	<input type="checkbox"/>	-0,0 +0,4	99,93	O.R.
10		25,00	<input type="checkbox"/>		124,30	O.R.
12		29,90	<input type="checkbox"/>		148,67	O.R.
15		37,30	<input type="checkbox"/>		186,50	O.R.
20		49,60	<input type="checkbox"/>		246,17	O.R.
25		61,80	<input type="checkbox"/>		307,10	O.R.
30		74,10	<input type="checkbox"/>		368,03	O.R.
35		86,40	<input type="checkbox"/>		428,96	O.R.
40		98,60	<input type="checkbox"/>		489,89	O.R.
45		110,90	<input type="checkbox"/>		552,00	O.R.
50		123,20	<input type="checkbox"/>		613,00	O.R.
60		147,70	<input type="checkbox"/>		734,80	O.R.
70		172,22	<input type="checkbox"/>		856,70	O.R.
80		197,00	<input type="checkbox"/>		978,60	O.R.
90		221,50	<input type="checkbox"/>		1 100,40	O.R.
100		246,10	<input type="checkbox"/>		1 222,30	O.R.
110		270,60	<input type="checkbox"/>		—	—
120	-0,0 +0,6	295,13	<input checked="" type="checkbox"/> O.R.	-0,0 +0,6	—	—
130		319,70	<input checked="" type="checkbox"/> O.R.		—	—
140		344,20	<input checked="" type="checkbox"/> O.R.		—	—
150		368,70	<input checked="" type="checkbox"/> O.R.		—	—
160		393,30	<input checked="" type="checkbox"/> O.R.		—	—

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1220 x 2020/2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.

TIVAR® [UHMW-PE]



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 natural

TIVAR® 1000 black

TIVAR® 1000 green

ROUND RODS | EXTRUDED

Diameters [mm]	Tolerances on the diameters [mm]	Weight		TIVAR® 1000 natural	TIVAR® 1000 black	TIVAR® 1000 green
		[kg/1000 mm ^[1]]	[kg/2000 mm ^[1]]			
12,7	+0,2 +0,7	0,13	0,25	■	□	■
15	+0,2 +0,8	0,18	0,35	□	□	□
20	+0,2 +1,0	0,32	0,63	■	■	■
25	+0,2 +1,1	0,50	1,00	■	■	■
30	+0,2 +1,2	0,70	1,40	■	■	■
35	+0,2 +1,3	1,00	1,90	■	■	■
40	+0,2 +1,5	1,30	2,50	■	■	■
45	+0,3 +1,7	1,60	3,20	■	□	□
50	+0,3 +2,0	2,00	3,90	■	■	■
55	+0,3 +2,0	2,40	4,80	□	□	□
60	+0,3 +2,3	2,90	5,70	■	■	■
65		3,40	6,60	□	□	□
70	+0,3 +2,5	4,00	7,70	■	■	■
75		4,60	8,90	□	□	□
80	+0,4 +3,0	5,20	10,10	■	■	■
85	+0,5 +3,4	5,90	11,40	□	□	□
90	+0,5 +3,4	6,60	12,70	■	■	■
100	+0,6 +3,8	8,10	15,70	■	■	■
110	+0,7 +4,2	9,80	19,00	■	■	■
120		11,70	22,70	■	■	■
125	+0,8 +4,6	12,70	24,60	■	□	□
130		13,70	26,60	■	■	■
140	+0,9 +5,4	15,90	30,80	■	■	■
150	+1,0 +5,8	18,20	35,40	■	■	□
160	+1,1 +6,3	20,70	40,30	■	■	■
170	-	-	-	O.R.	O.R.	O.R.
180	+1,2 +7,4	26,20	51,00	■	■	■
190	-	-	-	O.R.	O.R.	O.R.
200	+1,3 +8,5	32,40	63,00	■	■	■
250	-	50,62	100,00	O.R.	O.R.	O.R.

^[1]: average production weight

^[2]: tolerances on the length -0/+60 mm

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

TIVAR® [UHMW-PE]



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 natural
TIVAR® 1000 green

ROUND RODS PRESSED AND TURNED									
Diameters [mm]	Tolerances on the diameters [mm]	TIVAR® 1000 natural				TIVAR® 1000 green			
		Standard length per piece: [1000 mm/2000 mm ^[1]]							
		[kg/1000 mm ^[2]]		[kg/2000 mm ^[2]]		[kg/1000 mm ^[2]]		[kg/2000 mm ^[2]]	
20	-0,0 +1,0	0,31	□	0,62	■	0,32	■	0,62	□
25		0,48	□	0,96	□	0,50	■	0,96	□
30		0,69	□	1,37	■	0,70	■	1,37	□
35		0,93	□	1,85	□	1,00	■	1,85	□
40		1,21	□	2,41	■	1,30	■	2,41	□
45		1,53	□	3,05	□	1,60	□	3,05	□
50		1,88	□	3,75	■	2,00	■	3,75	□
55		2,27	□	4,53	□	2,40	□	4,54	□
60		2,70	□	5,38	■	2,90	■	5,38	□
70		3,66	□	7,31	□	4,00	■	7,32	□
80		4,77	■	9,53	□	5,20	■	9,54	□
90		6,03	□	12,05	□	6,60	■	12,06	□
100		7,44	■	14,85	□	8,10	■	14,87	□
110		8,99	□	—	—	9,80	■	—	—
120		10,69	□	—	—	11,70	■	—	—
125		11,60	□	—	—	12,70	□	—	—
130		12,54	□	—	—	13,70	■	—	—
140		14,53	□	—	—	15,90	■	—	—
150		16,68	□	—	—	18,20	□	—	—
160		18,96	□	—	—	20,70	■	—	—
170		21,40	□	—	—	23,30	O.R.	—	—
180		23,99	□	—	—	26,20	■	—	—
190		26,72	□	—	—	29,20	O.R.	—	—
200	-0,0 +2,0	29,59	□	—	—	32,40	■	—	—
210		32,62	□	—	—	32,62	□	—	—
220		35,79	□	—	—	35,79	□	—	—
230		39,11	□	—	—	39,11	□	—	—
240		42,58	□	—	—	42,58	□	—	—

^[1]: tolerances on the length -0/+60 mm

^[2]: average production weight

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

□ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

TIVAR® [UHMW-PE]



Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® 1000 antistatic

ROUND RODS | PRESSED AND TURNED

Diameters [mm]	Tolerances on the diameters [mm]	TIVAR® 1000 antistatic			
		Standard length per piece: [2000 mm ^[1]]		[kg/2000 mm ^[2]]	
		[kg/1000 mm ^[2]]			
20	-0,0 +1,0	0,32	<input type="checkbox"/>	0,63	<input type="checkbox"/>
25		0,49	<input type="checkbox"/>	0,97	<input type="checkbox"/>
30		0,70	<input type="checkbox"/>	1,39	<input type="checkbox"/>
35		0,94	<input type="checkbox"/>	1,88	<input type="checkbox"/>
40		1,23	<input type="checkbox"/>	2,45	<input type="checkbox"/>
45		1,55	<input type="checkbox"/>	3,09	<input type="checkbox"/>
50		1,91	<input type="checkbox"/>	3,81	<input type="checkbox"/>
55		2,31	<input type="checkbox"/>	4,60	<input type="checkbox"/>
60		2,74	<input type="checkbox"/>	5,47	<input type="checkbox"/>
70		3,72	<input type="checkbox"/>	7,43	<input type="checkbox"/>
80		4,85	<input type="checkbox"/>	9,68	<input type="checkbox"/>
90		6,13	<input type="checkbox"/>	12,24	<input type="checkbox"/>
100		7,56	<input type="checkbox"/>	15,09	<input type="checkbox"/>
110		9,13	<input type="checkbox"/>	18,24	<input type="checkbox"/>
120		10,86	<input type="checkbox"/>	21,70	<input type="checkbox"/>
125		11,78	<input type="checkbox"/>	23,53	<input type="checkbox"/>
130		12,74	<input type="checkbox"/>	25,45	<input type="checkbox"/>
140		14,77	<input type="checkbox"/>	29,49	<input type="checkbox"/>
150	-0,0 +2,0	16,94	<input type="checkbox"/>	33,84	<input type="checkbox"/>
160		19,27	<input type="checkbox"/>	38,49	<input type="checkbox"/>
170		21,74	<input type="checkbox"/>	48,68	<input type="checkbox"/>
180		24,37	<input type="checkbox"/>	60,06	<input type="checkbox"/>
190		27,14	<input type="checkbox"/>	66,20	<input type="checkbox"/>
200		30,07	<input type="checkbox"/>	72,64	<input type="checkbox"/>
210		33,14	<input type="checkbox"/>	79,38	<input type="checkbox"/>
220		36,37	<input type="checkbox"/>	86,42	<input type="checkbox"/>
230		39,74	<input type="checkbox"/>	79,38	—
240		43,26	<input type="checkbox"/>	86,42	—

^[1]: tolerances on the length -0/+60 mm

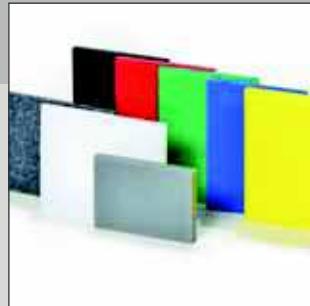
^[2]: average production weight

: standard item [generally available from stock; bulk quantities to be manufactured to order]

: semi-standard item [generally not available from stock, minimum order quantity 1 piece]

: non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

Polyethylene Plastics: PE 500



In less demanding applications with respect to wear and impact resistance, PE 500 may present an economical alternative for the TIVAR® standard grades. It is a versatile polyethylene grade used mainly in the food industry [meat and fish processing] but it is also employed in all kinds of mechanical, chemical and electrical applications.

PE 500 [HMW-PE]



High Molecular Weight Polyethylene [HMW-PE]

PE 500 natural
PE 500 CM+, natural

PLATES										
Thicknesses	Tolerances on the thicknesses		PE 500 natural							
			[1010 x 2020 mm ^[1]]		[1220 x 2020 mm ^[1]]		[1220 x 3050 mm ^[1]]		[2020 x 6150 mm ^[1]]	
			pressed	[kg/pce ^[2]]	pressed	[kg/pce ^[2]]	pressed	[kg/pce ^[2]]	pressed	
[mm]	[mm]									
8	-0,3	+0,3	16,50	□	20,30	□	30,50	■	100,98	O.R.
10			20,60	■	25,30	□	38,00	■	125,61	O.R.
12			24,70	■	30,20	□	45,40	■	150,24	O.R.
15			30,90	■	37,70	□	56,60	■	187,18	O.R.
20			41,20	■	50,10	□	75,20	■	248,76	O.R.
25			51,40	■	62,50	□	93,90	■	310,33	O.R.
30	-0,0	+0,4 ^[3]	61,70	■	74,90	□	112,50	■	371,90	O.R.
35			72,01	□	87,30	□	131,10	□	433,48	O.R.
40			82,30	■	99,70	□	149,70	■	495,05	O.R.
45			92,59	□	112,10	□	168,40	□	557,90	O.R.
50			102,90	■	124,50	□	187,00	■	619,40	O.R.
60			123,50	■	149,20	□	224,20	■	742,60	O.R.
70			144,00	■	174,00	□	261,50	□	865,70	O.R.
80			164,60	■	199,10	□	299,10	■	988,90	O.R.
90			185,20	□	223,90	□	336,30	□	1112,00	O.R.
100			205,80	■	248,70	□	373,60	■	1235,20	O.R.
110			226,33	□	273,40	O.R.	410,83	O.R.	—	—
120	-0,0	+0,6 ^[3]	246,91	□	298,20	O.R.	448,10	O.R.	—	—
130			267,48	□	323,00	O.R.	485,30	O.R.	—	—
140			288,06	□	347,80	O.R.	522,60	O.R.	—	—
150			308,60	O.R.	372,60	O.R.	559,80	O.R.	—	—
160			329,20	O.R.	397,40	O.R.	597,10	O.R.	—	—
Thicknesses		PE 500 CM+ natural		Thicknesses		PE 500 CM+ natural		Thicknesses		PE 500 natural
		Standard size per piece: [1000 x 2000 mm ^[4]] skived				Standard size per piece: [1220 x 3000 mm ^[4]] skived				Standard size per piece: [1000 x 2000 mm] extruded
[mm]	[kg/pce ^[2]]		[mm]	[kg/pce ^[2]]		[mm]	[kg/pce ^[2]]			
2	3,90	□	2	8,00	□	2	3,90	□		O.R.
3	5,90	□	3	10,80	□	3	5,80	□		O.R.
4	7,90	□	4	14,50	□	4	7,70	□		O.R.
5	9,90	□	5	18,10	□	5	9,60	□		O.R.
6	11,80	□	6	21,70	□	6	11,60	□		O.R.
8	15,80	□	8	28,90	□	8	15,40	□		O.R.
10	19,70	□	10	36,20	□	10	19,10	□		O.R.
12	23,70	□	12	43,40	□	12	22,90	□		O.R.
—	—	—	—	—	—	15	28,60	□		O.R.

[¹]: Tolerances on widths and lengths [mm] for all dimensions: width -0/+30; length -0/+60

[²]: average production weight

[³]: size 2020 x 1010 mm, thicknesses 10–70 mm: tolerance on thickness -0,2/+0,2 mm

size 2020 x 1010 mm, thicknesses 80–160 mm: tolerance on thickness -0,3/+0,3 mm

[⁴]: plate size: 1000 x 2000; width: -0,0/+10,0; length: -0,0/+10,0 | plate size: 1220 x 3000; width: -0,0/+10,0; length: -0,0/+30,0

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.

Please consult us concerning production capabilities and minimum order quantities.



PE 500 [HMW-PE]

High Molecular Weight Polyethylene [HMW-PE]

PE 500 green

PE 500 CM+ green

PLATES

Thicknesses [mm]	Tolerances on the thicknesses [mm]	PE 500 green							
		Standard sizes per piece:		pressed [kg/pce ^[2]]		pressed [kg/pce ^[2]]		pressed [kg/pce ^[2]]	
		[1010 x 2020 mm ^[1]]	[1220 x 2020 mm ^[1]]	[1220 x 3050 mm ^[1]]	[2020 x 6150 mm ^[1]]				
8		16,50	□	20,30	□	30,54	□	100,98	O.R.
10		20,60	■	25,30	□	38,00	□	125,61	O.R.
12		24,70	□	30,20	□	45,40	□	150,24	O.R.
15		30,90	■	37,70	□	56,60	■	187,18	O.R.
20		41,20	■	50,10	□	75,20	■	248,76	O.R.
25		51,40	□	62,50	□	93,90	■	310,33	O.R.
30	-0,0 +0,4 ^[3]	61,70	■	74,90	□	112,50	□	371,90	O.R.
35		72,00	□	87,30	□	131,11	□	433,48	O.R.
40		82,30	■	99,70	□	149,70	□	495,05	O.R.
45		92,59	□	112,05	□	168,36	□	557,90	O.R.
50		102,90	■	124,50	□	186,98	□	619,40	O.R.
60		123,45	□	149,24	□	224,20	□	742,60	O.R.
70		144,03	□	174,03	□	261,47	□	865,70	O.R.
80		164,60	□	199,07	□	299,09	□	988,90	O.R.
90		185,18	□	223,86	□	336,34	□	1112,00	O.R.
100		205,75	□	248,70	□	373,59	□	1235,20	O.R.
110		226,33	□	273,44	O.R.	410,83	O.R.	—	—
120	-0,0 +0,6 ^[3]	246,91	□	298,20	O.R.	448,10	O.R.	—	—
130		267,48	□	323,00	O.R.	485,30	O.R.	—	—
140		288,06	□	347,80	O.R.	522,60	O.R.	—	—
150		308,60	O.R.	372,60	O.R.	559,80	O.R.	—	—
160		329,20	O.R.	397,40	O.R.	597,10	O.R.	—	—

Thicknesses [mm]	PE 500 CM+, green				
	Standard size per piece:				
	[1000 x 2000 mm ^[4]] skived		[1220 x 3000 mm ^[4]] skived		
[mm]	[kg/pce ^[2]]		[kg/pce ^[2]]		
2	3,90	□	8,00	□	
3	5,90	□	10,80	□	
4	7,90	□	14,50	□	
5	9,90	□	18,10	□	
6	11,80	□	21,70	□	
8	15,80	□	28,90	□	
10	19,70	□	36,20	□	
12	23,70	□	43,40	□	

^[1]: Tolerances on widths and lengths [mm] for all dimensions: width -0/+30; length -0/+60

^[2]: average production weight

^[3]: size 2020 x 1010 mm, thicknesses 10–70 mm: tolerance on thickness -0,2/+0,2 mm

size 2020 x 1010 mm, thicknesses 80–160 mm: tolerance on thickness -0,3/+0,3 mm

^[4]: plate size: 1000 x 2000; width: -0,0/+10,0; length: -0,0/+10,0 | plate size: 1220 x 3000; width: -0,0/+10,0; length: -0,0/+30,0

■ : standard item [generally available from stock; bulk quantities to be manufactured to order]

■ : semi-standard item [generally not available from stock, minimum order quantity 1 piece]

□ : non-standard item [generally not available from stock, manufactured to order and subject to special conditions;
improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses. It is also available as pressed and turned rod.

Please consult us concerning production capabilities and minimum order quantities.

PE 500 [HMW-PE]



High Molecular Weight Polyethylene[HMW-PE]

PE 500 black

PE 500 CM+ black

PLATES

Thicknesses [mm]	Tolerances on the thicknesses [mm]	PE 500 black							
		Standard sizes per piece:		pressed [kg/pce ^[2]]		pressed [kg/pce ^[2]]		pressed [kg/pce ^[2]]	
		[1010 x 2020 mm ^[1]]	[1220 x 2020 mm ^[1]]	[1220 x 3050 mm ^[1]]	[2020 x 6150 mm ^[1]]	pressed [kg/pce ^[2]]	pressed [kg/pce ^[2]]	pressed [kg/pce ^[2]]	pressed [kg/pce ^[2]]
8	-0,2 +0,2 -0,0 +0,4 ^[3] -0,0 +0,6 ^[3]	16,50	□	20,30	□	30,50	■	100,98	O.R.
10		20,60	■	25,30	□	38,00	□	125,61	O.R.
12		24,70	■	30,20	□	45,40	□	150,24	O.R.
15		30,90	■	37,70	□	56,60	■	187,18	O.R.
20		41,20	■	50,10	□	75,20	■	248,76	O.R.
25		51,40	□	62,50	□	93,90	■	310,33	O.R.
30		61,70	■	74,90	□	112,50	■	371,90	O.R.
35		72,00	□	87,30	□	131,10	□	433,48	O.R.
40		82,30	■	99,70	□	149,70	■	495,05	O.R.
45		92,60	□	112,05	□	168,40	□	557,90	O.R.
50		102,90	□	124,50	□	187,00	■	619,40	O.R.
60		123,50	□	149,20	□	224,20	□	742,60	O.R.
70		144,00	□	174,00	□	261,50	□	865,70	O.R.
80		164,60	□	199,10	□	299,09	□	988,90	O.R.
90		185,18	□	223,90	□	336,34	□	1112,00	O.R.
100		205,75	□	248,70	□	373,59	□	1235,20	O.R.
110		226,33	□	273,44	O.R.	410,83	O.R.	—	—
120		246,91	□	298,20	O.R.	448,10	O.R.	—	—
130		267,48	□	323,00	O.R.	485,30	O.R.	—	—
140		288,06	□	347,80	O.R.	522,60	O.R.	—	—
150		308,60	O.R.	372,60	O.R.	559,80	O.R.	—	—
160		329,20	O.R.	397,40	O.R.	597,10	O.R.	—	—
Thicknesses [mm]	PE 500 CM+, black								
		Standard size per piece:							
		[1000 x 2000 mm ^[4]] skived		[1220 x 3000 mm ^[4]] skived					
[mm]		[kg/pce ^[2]]		[kg/pce ^[2]]					
2		3,90	□	8,00	□				
3		5,90	□	10,80	□				
4		7,90	□	14,50	□				
5		9,90	□	18,10	□				
6		11,80	□	21,70	□				
8		15,80	□	28,90	□				
10		19,70	□	36,20	□				
12		23,70	□	43,40	□				

^[1]: Tolerances on widths and lengths [mm] for all dimensions: width -0/+30; length -0/+60^[2]: average production weight^[3]: size 2020 x 1010 mm, thicknesses 10–70 mm: tolerance on thickness -0,2/+0,2 mm

size 2020 x 1010 mm, thicknesses 80–160 mm: tolerance on thickness -0,3/+0,3 mm

^[4]: plate size: 1000 x 2000; width: -0,0/+10,0; length: -0,0/+10,0 | plate size: 1220 x 3000; width: -0,0/+10,0; length: -0,0/+30,0

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O.R.: available on request: please check for lead-time and minimum quantity

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PE 500 [HMW-PE]



High Molecular Weight Polyethylene[HMW-PE]

PE 500 other colours

PLATES									
Thicknesses [mm]	Tolerances on the thickness [mm]	PE 500 other colours							
		Standard sizes per piece:		pressed [kg/pce ^[3]]		pressed [kg/pce ^[3]]		pressed [kg/pce ^[3]]	
		pressed	pressed	pressed	pressed	pressed	pressed	pressed	pressed
8	-0,2 +0,2	16,46	□	20,30	□	30,54	□	—	O.R.
10		20,60	□	25,30	□	38,00	□	—	O.R.
12		24,70	□	30,20	□	45,44	□	—	O.R.
15		30,90	□	37,70	□	56,60	□	—	O.R.
20		41,20	□	50,10	□	75,20	■	—	O.R.
25		51,40	□	62,50	□	93,90	■	—	O.R.
30	-0,0 +0,4	61,70	□	74,90	□	112,50	□	—	O.R.
35		72,01	□	87,26	□	131,11	□	—	O.R.
40		82,30	□	99,70	□	149,70	□	—	O.R.
45		92,59	□	112,05	□	168,36	□	—	O.R.
50		102,88	□	124,50	□	186,98	□	—	O.R.
60		123,45	□	149,24	□	224,23	□	—	O.R.
70		144,03	□	174,00	□	261,47	□	—	O.R.
80		164,60	□	199,10	□	299,09	□	—	O.R.
90		185,18	□	223,86	□	336,34	□	—	O.R.
100		205,75	□	248,70	□	373,59	□	—	O.R.
110	-0,0 +0,6	226,33	□	—	O.R.	—	O.R.	—	—
120		246,91	□	—	O.R.	—	O.R.	—	—
130		267,48	□	—	O.R.	—	O.R.	—	—
140		288,06	□	—	O.R.	—	O.R.	—	—
150		—	O.R.	—	O.R.	—	O.R.	—	—

Colours available: PE 500 blue/PE 500 yellow/PE 500 red

^[1]: Tolerances on widths and lengths [mm] for all dimensions: width -0/+30; length -0/+60

^[2]: average production weight

^[3]: size 2020 x 1010 mm, thicknesses 10–70 mm: tolerance on thickness -0,2/+0,2 mm

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