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Catalogue index: A**POM, polyoxymethylene, polyacetal**

POM is a hard, stiff and tough plastic, with low friction and excellent wear and creep resistance over a broad temperature range. The low glass transition temperatures, -40 C for the homopolymer and -60 C for the copolymer make them tough even at very low temperatures. Top continuous service temperature is 90-105 C (POM-H) and 100-115 (POM-C), short term ca 150 C (POM-H) and 140 C (POM-C). POM has excellent machinability.

POM-H, homopolymer

Well-known under the tradename Delrin, the homopolymer POM-H has higher mechanical strength, stiffness, hardness and creep resistance than the copolymer, and lower rate of thermal expansion. compared to the copolymer. Its wear resistance is often better. POM has rather low water absorption, good chemical resistance in general.

**POM-H, homopolymer
sheet, natural**

thickness	format	ca weight	article number	article status
5 mm	500 x 3000 mm	7,9 kg/m ²	A1.2.2-68	L
6 mm	500 x 3000 mm	9,4 kg/m ²	A1.2.2-69	L
8 mm	600 x 3000 mm	12,5 kg/m ²	A1.2.2-70	L
10 mm	600 x 3000 mm	15,4 kg/m ²	A1.2.2-71	L
12 mm	600 x 3000 mm	18,8 kg/m ²	A1.2.2-72	L
16 mm	600 x 3000 mm	25 kg/m ²	A1.2.2-73	L
20 mm	600 x 3000 mm	31 kg/m ²	A1.2.2-74	L
25 mm	600 x 3000 mm	38 kg/m ²	A1.2.2-75	L
30 mm	600 x 3000 mm	46 kg/m ²	A1.2.2-76	L
40 mm	600 x 3000 mm	61 kg/m ²	A1.2.2-77	L
50 mm	600 x 3000 mm	75 kg/m ²	A1.2.2-78	L
60 mm	600 x 3000 mm	89 kg/m ²	A1.2.2-79	U

**POM-H, homopolymer
sheet, black**

thickness	format	ca weight	article number	article status
8 mm	600 x 3000 mm	12,5 kg/m ²	A1.2.3-80	B
10 mm	600 x 3000 mm	15,4 kg/m ²	A1.2.3-81	L
12 mm	600 x 3000 mm	18,8 kg/m ²	A1.2.3-82	L
16 mm	600 x 3000 mm	25 kg/m ²	A1.2.3-83	L
20 mm	600 x 3000 mm	31 kg/m ²	A1.2.3-84	L
25 mm	600 x 3000 mm	38 kg/m ²	A1.2.3-85	L
30 mm	600 x 3000 mm	46 kg/m ²	A1.2.3-86	L
40 mm	600 x 3000 mm	61 kg/m ²	A1.2.3-87	L
50 mm	600 x 3000 mm	75 kg/m ²	A1.2.3-88	L

**POM-H, homopolymer
rod, natural**

Ø	ca weight	article number	article status
5 mm		A1.3.2-3	B
6 mm		A1.3.2-4	L
8 mm		A1.3.2-90	L
10 mm		A1.3.2-93	L
12 mm		A1.3.2-94	L
14 mm		A1.3.2-95	L
16 mm		A1.3.2-96	L
18 mm		A1.3.2-97	L
20 mm	0,47 kg/m	A1.3.2-89	L
22 mm	0,57 kg/m	A1.3.2-98	L
25 mm	0,73 kg/m	A1.3.2-99	L
28 mm	0,91 kg/m	A1.3.2-100	L
30 mm	1,1 kg/m	A1.3.2-101	L
32 mm	1,2 kg/m	A1.3.2-102	L
36 mm	1,5 kg/m	A1.3.2-103	L
40 mm	1,8 kg/m	A1.3.2-104	L
45 mm	2,3 kg/m	A1.3.2-105	L
50 mm	2,9 kg/m	A1.3.2-106	L
56 mm	3,6 kg/m	A1.3.2-107	L
60 mm	4,1 kg/m	A1.3.2-108	L
65 mm	4,9 kg/m	A1.3.2-109	L
70 mm	5,6 kg/m	A1.3.2-110	L
75 mm	6,61 kg/m	A1.3.2-2571	B
80 mm	7,4 kg/m	A1.3.2-111	L
85 mm	8,49 kg/m	A1.3.2-2572	B
90 mm	9,3 kg/m	A1.3.2-112	L
100 mm	11,5 kg/m	A1.3.2-113	L
110 mm	14 kg/m	A1.3.2-114	L
120 mm	17,0 kg/m	A1.3.2-2573	B
125 mm	18 kg/m	A1.3.2-115	L
130 mm	19,9 kg/m	A1.3.2-2574	B
135 mm	21 kg/m	A1.3.2-116	U
140 mm	23,1 kg/m	A1.3.2-2575	B
150 mm	26 kg/m	A1.3.2-117	L
160 mm	30,2 kg/m	A1.3.2-2576	L
165 mm	31 kg/m	A1.3.2-118	U
170 mm	34,1 kg/m	A1.3.2-2577	B

180 mm	37 kg/m	A1.3.2-119	L
200 mm	46 kg/m	A1.3.2-120	L

**POM-H, homopolymer
rod, black**

Ø	ca weight	article number	article status
5 mm		A1.3.3-91	L
10 mm		A1.3.3-2386	L
16 mm		A1.3.3-92	L
18 mm		A1.3.3-2387	L
20 mm	0,47 kg/m	A1.3.3-121	L
22 mm	0,58 kg/m	A1.3.3-2404	L
25 mm	0,73 kg/m	A1.3.3-122	L
30 mm	1,1 kg/m	A1.3.3-124	L
32 mm	1,2 kg/m	A1.3.3-123	L
35 mm	1,46 kg/m	A1.3.3-2405	L
40 mm	1,8 kg/m	A1.3.3-125	L
45 mm	2,3 kg/m	A1.3.3-126	L
50 mm	2,9 kg/m	A1.3.3-2273	L
55 mm	3,6 kg/m	A1.3.3-2407	L
60 mm	4,1 kg/m	A1.3.3-127	L
65 mm	5,0 kg/m	A1.3.3-2406	L
70 mm	5,6 kg/m	A1.3.3-128	L
80 mm	7,4 kg/m	A1.3.3-129	L
90 mm	9,58 kg/m	A1.3.3-2403	L
100 mm	11,7 kg/m	A1.3.3-2388	L
120 mm	17 kg/m	A1.3.3-2389	L

**POM-H, homopolymer
heavy-wall tube, natural**

Ø	ca weight	article number	article status
40/20 mm	1,5 kg/m	A1.8.2-2110	L
50/30 mm	2,0 kg/m	A1.8.2-2111	L
50/40 mm	1,3 kg/m	A1.8.2-2112	L
125/80 mm	12 kg/m	A1.8.2-2113	L
150/70 mm	23 kg/m	A1.8.2-2114	L
150/100 mm	16 kg/m	A1.8.2-2115	L
180/125 mm	23 kg/m	A1.8.2-2116	L
200/150 mm	25 kg/m	A1.8.2-2117	L
250/200 mm	31 kg/m	A1.8.2-2118	L
300/150 mm	83 kg/m	A1.8.2-2119	L
300/200 mm	64 kg/m	A1.8.2-2120	L

POM-H GF20, homopolymer with 20% glass fibre

Delrin grade with increased stiffness. (This article is being replaced by POM-C GF25).

POM-H GF20, homopolymer with 20% glass fibre rod, natural

Ø	ca weight	article number	article status
20 mm	0,5 kg/m	A103.3.2-2105	U

POM-H AF, Teflon lubricated homopolymer

A Delrin grade with solid PTFE lubricant, for dry applications, with very good sliding properties, low wear and stick-slip.

POM-H AF, Teflon lubricated homopolymer rod, brown

Ø	ca weight	article number	article status
20 mm	0,5 kg/m	A2.3.4-228	L
30 mm	1,1 kg/m	A2.3.4-229	L
40 mm	2,0 kg/m	A2.3.4-230	L

POM-H AF, Teflon lubricated homopolymer sheet, brown

thickness	format	ca weight	article number	article status
10 mm	500 x 3000 mm	17 kg/m ²	A2.2.4-225	L
20 mm	500 x 3000 mm	33 kg/m ²	A2.2.4-226	L
30 mm	500 x 3000 mm	48 kg/m ²	A2.2.4-227	L

POM-H CL, oil lubricated homopolymer

Silicone oil extended Delrin grade for unlubricated applications

POM-H CL, oil lubricated homopolymer rod, natural

Ø	article number	article status
40 mm	A11.3.2-223	U
60 mm	A11.3.2-224	U

POM-C, copolymer

The copolymer is, despite a lower crystallinity, more resistant to strong bases and hot water. Available in many colours, with food compliance.

**POM-C, copolymer
sheet, natural**

thickness	format	ca weight	article number	article status
0,5 mm	roll width 1000 mm	0,7 kg/m ²	A3.2.2-51	L
1 mm	1000 x 2000 mm	1,4 kg/m ²	A3.2.2-52	L
1,5 mm	1000 x 2000 mm	2,1 kg/m ²	A3.2.2-53	L
2 mm	1000 x 2000 mm	2,8 kg/m ²	A3.2.2-54	L
3 mm	1000 x 2000 mm	4,3 kg/m ²	A3.2.2-55	L
4 mm	1000 x 2000 mm	5,7 kg/m ²	A3.2.2-56	L
5 mm	1000 x 2000 mm	7,5 kg/m ²	A3.2.2-2408	L
6 mm	600 x 3000 mm	9,4 kg/m ²	A3.2.2-57	L
8 mm	600 x 3000 mm	12,5 kg/m ²	A3.2.2-58	L
10 mm	600 x 3000 mm	15 kg/m ²	A3.2.2-59	L
12 mm	600 x 3000 mm	17,6 kg/m ²	A3.2.2-2409	L
16 mm	600 x 3000 mm	23,5 kg/m ²	A3.2.2-2410	L
20 mm	600 x 3000 mm	31 kg/m ²	A3.2.2-60	L
25 mm	600 x 3000 mm	38 kg/m ²	A3.2.2-61	L
30 mm	600 x 3000 mm	46 kg/m ²	A3.2.2-62	L
35 mm	600 x 3000 mm	54 kg/m ²	A3.2.2-2429	L
40 mm	600 x 3000 mm	61 kg/m ²	A3.2.2-63	L
45 mm	600 x 3000 mm	68 kg/m ²	A3.2.2-2430	L
50 mm	600 x 3000 mm	75 kg/m ²	A3.2.2-64	L
60 mm	600 x 3000 mm	89 kg/m ²	A3.2.2-65	L
70 mm	600 x 1000 mm	105,6 kg/m ²	A3.2.2-2675	L
80 mm	600 x 1000 mm	124 kg/m ²	A3.2.2-66	L
90 mm	600 x 1000 mm	136,0 kg/m ²	A3.2.2-2676	L
100 mm	600 x 1000 mm	154 kg/m ²	A3.2.2-67	L
120 mm	600 x 1000 mm	185 kg/m ²	A3.2.2-2028	L

**POM-C, copolymer
sheet, black**

thickness	format	ca weight	article number	article status
1 mm	1000 x 2000 mm	1,5 kg/m ²	A3.2.3-2513	B
2 mm	1000 x 2000 mm	3,0 kg/m ²	A3.2.3-1998	L
3 mm	1000 x 2000 mm	4,5 kg/m ²	A3.2.3-1999	L
4 mm	1000 x 2000 mm	6,0 kg/m ²	A3.2.3-2000	L
5 mm	1000 x 2000 mm	7,5 kg/m ²	A3.2.3-2001	L
6 mm	1000 x 2000 mm	9 kg/m ²	A3.2.3-24	L
8 mm	600 x 3000 mm	12,5 kg/m ²	A3.2.3-25	L
10 mm	600 x 3000 mm	15,4 kg/m ²	A3.2.3-26	L
12 mm	600 x 3000 mm	18,8 kg/m ²	A3.2.3-27	L
16 mm	600 x 3000 mm	25 kg/m ²	A3.2.3-28	L
20 mm	600 x 3000 mm	31 kg/m ²	A3.2.3-29	L
25 mm	600 x 3000 mm	38 kg/m ²	A3.2.3-30	L
30 mm	600 x 3000 mm	46 kg/m ²	A3.2.3-31	L
35 mm	600 x 3000 mm	54 kg/m ²	A3.2.3-2375	L
40 mm	600 x 3000 mm	61 kg/m ²	A3.2.3-32	L
45 mm	600 x 3000 mm	68,2 kg/m ²	A3.2.3-2428	L
50 mm	600 x 3000 mm	75 kg/m ²	A3.2.3-33	L
60 mm	600 x 3000 mm	89 kg/m ²	A3.2.3-34	L
70 mm	600 x 1000 mm	105,6 kg/m ²	A3.2.3-2677	L
80 mm	600 x 1000 mm	124 kg/m ²	A3.2.3-35	L
90 mm	600 x 1000 mm	136,0 kg/m ²	A3.2.3-2678	L
100 mm	600 x 1000 mm	154 kg/m ²	A3.2.3-36	L

**POM-C, copolymer
sheet, grey**

thickness	format	ca weight	article number	article status
20 mm	600 x 1000 mm	28,2 kg/m ²	A3.2.7-2461	L
50 mm	600 x 1000 mm	70,5 kg/m ²	A3.2.7-2462	L

**POM-C, copolymer
sheet, blue**

thickness	format	ca weight	article number	article status
20 mm	600 x 1000 mm	28,2 kg/m ²	A3.2.9-2458	L
50 mm	600 x 1000 mm	70,5 kg/m ²	A3.2.9-2459	L
100 mm	600 x 1000 mm	141 kg/m ²	A3.2.9-2460	L

**POM-C, copolymer
sheet, green**

thickness	format	ca weight	article number	article status
20 mm	600 x 1000 mm	28,2 kg/m ²	A3.2.8-2457	L
50 mm	600 x 1000 mm	70,5 kg/m ²	A3.2.8-2469	L

**POM-C, copolymer
sheet, yellow**

thickness	format	ca weight	article number	article status
20 mm	600 x 1000 mm	28,2 kg/m ²	A3.2.21-2466	L
50 mm	600 x 1000 mm	70,5 kg/m ²	A3.2.21-2467	L

**POM-C, copolymer
sheet, orange**

thickness	format	ca weight	article number	article status
20 mm	600 x 1000 mm	28,2 kg/m ²	A3.2.22-2468	L
50 mm	600 x 1000 mm	70,5 kg/m ²	A3.2.22-2463	L

**POM-C, copolymer
sheet, red**

thickness	format	ca weight	article number	article status
20 mm	600 x 1000 mm	28,2 kg/m ²	A3.2.20-2464	L
50 mm	600 x 1000 mm	70,5 kg/m ²	A3.2.20-2465	L

POM-C, copolymer
rod, natural

Ø	ca weight	article number	article status
3 mm		A3.3.2-2547	B
4 mm		A3.3.2-130	L
5 mm		A3.3.2-2548	B
6 mm		A3.3.2-1894	L
8 mm		A3.3.2-131	L
10 mm		A3.3.2-132	L
12 mm		A3.3.2-133	L
14 mm		A3.3.2-134	L
16 mm		A3.3.2-135	L
18 mm		A3.3.2-136	L
20 mm	0,47 kg/m	A3.3.2-137	L
22 mm	0,56 kg/m	A3.3.2-1895	L
25 mm	0,73 kg/m	A3.3.2-138	L
28 mm	0,92 kg/m	A3.3.2-2419	L
30 mm	1,1 kg/m	A3.3.2-139	L
32 mm	1,2 kg/m	A3.3.2-140	L
36 mm	1,49 kg/m	A3.3.2-1896	L
40 mm	1,8 kg/m	A3.3.2-141	L
45 mm	2,32 kg/m	A3.3.2-1897	L
50 mm	2,9 kg/m	A3.3.2-142	L
56 mm	3,65 kg/m	A3.3.2-2420	L
60 mm	4,1 kg/m	A3.3.2-1976	L
65 mm	4,9 kg/m	A3.3.2-143	L
70 mm	5,6 kg/m	A3.3.2-144	L
75 mm	6,57 kg/m	A3.3.2-2549	B
80 mm	7,4 kg/m	A3.3.2-145	L
85 mm	8,43 kg/m	A3.3.2-2550	B
90 mm	9,43 kg/m	A3.3.2-2551	L
95 mm	10,55 kg/m	A3.3.2-2552	B
100 mm	11,65 kg/m	A3.3.2-2553	L
110 mm	14,15 kg/m	A3.3.2-2554	L
120 mm	16,9 kg/m	A3.3.2-2555	L
125 mm	18,3 kg/m	A3.3.2-2556	B
130 mm	19,8 kg/m	A3.3.2-2557	L
140 mm	22,9 kg/m	A3.3.2-2558	L
150 mm	25,8 kg/m	A3.3.2-1898	L
160 mm	30,0 kg/m	A3.3.2-2559	L

170 mm	33,9 kg/m	A3.3.2-2560	L
180 mm	37,9 kg/m	A3.3.2-2561	L
190 mm	42,3 kg/m	A3.3.2-2562	B
200 mm	46 kg/m	A3.3.2-146	L
210 mm	51,6 kg/m	A3.3.2-2563	B
220 mm	56 kg/m	A3.3.2-147	L
230 mm	61,9 kg/m	A3.3.2-2564	B
250 mm	73 kg/m	A3.3.2-148	L
280 mm	91 kg/m	A3.3.2-149	L
300 mm	105 kg/m	A3.3.2-150	L
320 mm	119 kg/m	A3.3.2-151	L

**POM-C, copolymer
rod, black**

Ø	ca weight	article number	article status
6 mm		A3.3.3-152	L
8 mm		A3.3.3-153	L
10 mm		A3.3.3-154	L
12 mm		A3.3.3-155	L
14 mm		A3.3.3-156	L
16 mm		A3.3.3-157	L
18 mm		A3.3.3-158	L
20 mm	0,47 kg/m	A3.3.3-159	L
22 mm	0,57 kg/m	A3.3.3-160	L
25 mm	0,73 kg/m	A3.3.3-161	L
28 mm	0,91 kg/m	A3.3.3-162	L
30 mm	1,1 kg/m	A3.3.3-163	L
32 mm	1,2 kg/m	A3.3.3-164	L
36 mm	1,5 kg/m	A3.3.3-165	L
40 mm	1,8 kg/m	A3.3.3-166	L
45 mm	2,3 kg/m	A3.3.3-167	L
50 mm	2,9 kg/m	A3.3.3-168	L
56 mm	3,6 kg/m	A3.3.3-169	L
60 mm	4,1 kg/m	A3.3.3-170	L
65 mm	4,9 kg/m	A3.3.3-171	L
70 mm	5,6 kg/m	A3.3.3-172	L
75 mm	6,57 kg/m	A3.3.3-2565	B
80 mm	7,4 kg/m	A3.3.3-173	L
85 mm	8,43 kg/m	A3.3.3-2566	B
90 mm	9,3 kg/m	A3.3.3-174	L
100 mm	11,5 kg/m	A3.3.3-175	L
110 mm	14 kg/m	A3.3.3-176	L
120 mm	17 kg/m	A3.3.3-177	L
125 mm	18 kg/m	A3.3.3-178	L
130 mm	19,8 kg/m	A3.3.3-2567	L
140 mm	22,9 kg/m	A3.3.3-2568	L
150 mm	26 kg/m	A3.3.3-179	L
160 mm	30,0 kg/m	A3.3.3-2569	L
170 mm	33,9 kg/m	A3.3.3-2570	L
180 mm	37 kg/m	A3.3.3-180	L
200 mm	46 kg/m	A3.3.3-181	L
220 mm	56 kg/m	A3.3.3-182	L

250 mm	73 kg/m	A3.3.3-183	L
280 mm	91 kg/m	A3.3.3-184	L
300 mm	105 kg/m	A3.3.3-185	L
320 mm	119 kg/m	A3.3.3-186	L

**POM-C, copolymer
rod, grey**

Ø	ca weight	article number	article status
50 mm	2,9 kg/m	A3.3.7-1974	L

**POM-C, copolymer
rod, blue**

Ø	ca weight	article number	article status
50 mm	2,9 kg/m	A3.3.9-1975	L
60 mm	4,1 kg/m	A3.3.9-2029	L
70 mm	5,6 kg/m	A3.3.9-2030	L

**POM-C, copolymer
rod, green**

Ø	ca weight	article number	article status
50 mm	2,9 kg/m	A3.3.8-1970	L

**POM-C, copolymer
rod, brown**

Ø	ca weight	article number	article status
50 mm	2,9 kg/m	A3.3.4-1971	L

**POM-C, copolymer
rod, yellow**

Ø	ca weight	article number	article status
50 mm	2,9 kg/m	A3.3.21-1969	L

**POM-C, copolymer
rod, orange**

Ø	ca weight	article number	article status
50 mm	2,9 kg/m	A3.3.22-1973	L

**POM-C, copolymer
rod, red**

Ø	ca weight	article number	article status
50 mm	2,9 kg/m	A3.3.20-1972	L

**POM-C, copolymer
heavy-wall tube, natural**

Ø	ca weight	article number	article status
20/10 mm	0,39 kg/m	A3.8.2-2578	B
25/12 mm	0,61 kg/m	A3.8.2-2579	B
28/12 mm	0,79 kg/m	A3.8.2-2580	B
30/20 mm	0,65 kg/m	A3.8.2-2581	B
32/15 mm	1,04 kg/m	A3.8.2-2582	B
36/17 mm	1,29 kg/m	A3.8.2-2583	B
36/25 mm	0,93 kg/m	A3.8.2-2584	B
40/20 mm	1,5 kg/m	A3.8.2-2121	B
40/30 mm	0,99 kg/m	A3.8.2-2585	B
45/30 mm	1,48 kg/m	A3.8.2-2586	B
50/20 mm	2,57 kg/m	A3.8.2-2587	B
50/30 mm	2,03 kg/m	A3.8.2-2588	B
50/40 mm	1,27 kg/m	A3.8.2-2589	B
55/25 mm	2,99 kg/m	A3.8.2-2590	B
55/35 mm	2,36 kg/m	A3.8.2-2591	B
60/30 mm	3,37 kg/m	A3.8.2-2592	B
60/40 mm	2,62 kg/m	A3.8.2-2593	B
60/50 mm	1,64 kg/m	A3.8.2-2594	B
65/40 mm	3,40 kg/m	A3.8.2-2595	B
70/30 mm	4,97 kg/m	A3.8.2-2596	B
70/36 mm	4,4 kg/m	A3.8.2-2122	B
70/50 mm	3,21 kg/m	A3.8.2-2597	B
80/40 mm	5,91 kg/m	A3.8.2-2598	B
80/50 mm	4,94 kg/m	A3.8.2-2599	B
80/60 mm	3,75 kg/m	A3.8.2-2600	B
90/40 mm	8,08 kg/m	A3.8.2-2601	B
90/50 mm	7,15 kg/m	A3.8.2-2602	B
90/70 mm	4,60 kg/m	A3.8.2-2603	B
100/40 mm	10,35 kg/m	A3.8.2-2604	B
100/50 mm	9,33 kg/m	A3.8.2-2605	B
100/60 mm	8,17 kg/m	A3.8.2-2606	B
100/80 mm	5,17 kg/m	A3.8.2-2607	B
115/70 mm	10,80 kg/m	A3.8.2-2608	B
125/50 mm	16,05 kg/m	A3.8.2-2609	B
125/80 mm	11,95 kg/m	A3.8.2-2610	B
125/100 mm	8,11 kg/m	A3.8.2-2611	B
140/70 mm	18,15 kg/m	A3.8.2-2612	B

140/90 mm	14,7 kg/m	A3.8.2-2377	B
150/80 mm	19,85 kg/m	A3.8.2-2613	B
150/100 mm	16,0 kg/m	A3.8.2-2614	B
160/100 mm	19,9 kg/m	A3.8.2-2615	B
180/90 mm	29,8 kg/m	A3.8.2-2616	B
180/120 mm	23,0 kg/m	A3.8.2-2617	B
200/100 mm	36,8 kg/m	A3.8.2-2618	B
200/150 mm	23,3 kg/m	A3.8.2-2619	B
225/150 mm	37,2 kg/m	A3.8.2-2620	B
225/175 mm	28,5 kg/m	A3.8.2-2621	B
250/150 mm	50,9 kg/m	A3.8.2-2622	B
250/200 mm	32,0 kg/m	A3.8.2-2623	B
280/150 mm	69,6 kg/m	A3.8.2-2624	B
280/200 mm	50,9 kg/m	A3.8.2-2625	B
320/150 mm	97,9 kg/m	A3.8.2-2626	B
320/200 mm	79,7 kg/m	A3.8.2-2627	B
350/200 mm	102,3 kg/m	A3.8.2-2628	B
350/300 mm	46,6 kg/m	A3.8.2-2629	B

**POM-C, copolymer
heavy-wall tube, black**

Ø	ca weight	article number	article status
25/12 mm	0,61 kg/m	A3.8.3-2123	B
32/15 mm	1,04 kg/m	A3.8.3-2630	B
36/17 mm	1,29 kg/m	A3.8.3-2631	B
40/20 mm	1,52 kg/m	A3.8.3-2124	B
45/30 mm	1,48 kg/m	A3.8.3-2632	B
50/30 mm	2,03 kg/m	A3.8.3-2633	B
50/40 mm	1,27 kg/m	A3.8.3-2634	B
60/30 mm	3,37 kg/m	A3.8.3-2635	B
60/40 mm	2,62 kg/m	A3.8.3-2636	B
65/40 mm	3,40 kg/m	A3.8.3-2637	B
70/30 mm	4,97 kg/m	A3.8.3-2638	B
80/50 mm	4,94 kg/m	A3.8.3-2125	B
100/50 mm	9,33 kg/m	A3.8.3-2639	B

POM-C FDA, food approved copolymer

FDA-approved, compression molded

**POM-C FDA, food approved copolymer
sheet, black**

thickness	format	article number	article status
3/8 "	600 x 1200 mm	A4.2.3-219	U
1/2 "	600 x 1200 mm	A4.2.3-220	U
5/8 "	600 x 1200 mm	A4.2.3-221	U
7/8 "	600 x 1200 mm	A4.2.3-222	U

POM-C SD, antistatic (static dissipative) copolymer

ESD grade, permanent electrostatic dissipative (antistatic) properties.

**POM-C SD, antistatic (static dissipative) copolymer
sheet, tan**

thickness	format	article number	article status
1/4 "	600 x 1200 mm	A9.2.5-202	L
3/8 "	600 x 1200 mm	A9.2.5-203	L
10 mm	600 x 3000 mm	A9.2.5-2679	L
12 mm	600 x 3000 mm	A9.2.5-2680	L
1/2 "	600 x 1200 mm	A9.2.5-204	L
5/8 "	600 x 1200 mm	A9.2.5-205	L
16 mm	600 x 3000 mm	A9.2.5-2538	L
3/4 "	600 x 1200 mm	A9.2.5-206	L
20 mm	600 x 3000 mm	A9.2.5-2681	L
25 mm	600 x 3000 mm	A9.2.5-2682	L
1 "	600 x 1200 mm	A9.2.5-207	L
30 mm	600 x 3000 mm	A9.2.5-2683	L
1 1/2 "	600 x 1200 mm	A9.2.5-1899	L
40 mm	600 x 3000 mm	A9.2.5-2684	L
2 "	600 x 1200 mm	A9.2.5-208	L
50 mm	600 x 3000 mm	A9.2.5-2685	L
80 mm	600 x 1000 mm	A9.2.5-3113	L

POM-C SD, antistatic (static dissipative) copolymer rod, tan

Ø	length	article number	article status
3/8 "	2,44 m	A9.3.5-209	L
10 mm	3 m	A9.3.5-2686	L
12 mm	3 m	A9.3.5-2687	L
1/2 "	2,44 m	A9.3.5-210	L
5/8 "	2,44 m	A9.3.5-211	L
16 mm	3 m	A9.3.5-2688	L
3/4 "	2,44 m	A9.3.5-1900	L
20 mm	3 m	A9.3.5-2689	L
25 mm	3 m	A9.3.5-2690	L
1 "	2,44 m	A9.3.5-212	L
30 mm	3 m	A9.3.5-2691	L
1 1/4 "	2,44 m	A9.3.5-1901	L
1 1/2 "	2,44 m	A9.3.5-213	L
40 mm	3 m	A9.3.5-2692	L
50 mm	3 m	A9.3.5-2693	L
2 "	2,44 m	A9.3.5-214	L
60 mm	3 m	A9.3.5-2694	L
70 mm	3 m	A9.3.5-2695	L
3 "	2,44 m	A9.3.5-1902	L
80 mm	3 m	A9.3.5-2696	L

POM-C EL, electrically conducting copolymer

Electrically conducting grade, also enhanced UV-protection.

POM-C EL, electrically conducting copolymer sheet, black

thickness	format	ca weight	article number	article status
10 mm	600 x 3000 mm	16,1 kg/m ²	A10.2.3-2703	L
12 mm	600 x 3000 mm	19 kg/m ²	A10.2.3-215	L
16 mm	600 x 3000 mm	25,2 kg/m ²	A10.2.3-2704	L
20 mm	600 x 3000 mm	29 kg/m ²	A10.2.3-216	L
25 mm	600 x 3000 mm	38,8 kg/m ²	A10.2.3-2705	L
30 mm	600 x 3000 mm	45,9 kg/m ²	A10.2.3-2706	L
40 mm	600 x 3000 mm	61 kg/m ²	A10.2.3-217	L
50 mm	600 x 3000 mm	76,7 kg/m ²	A10.2.3-2707	L

POM-C EL, electrically conducting copolymer rod, black

Ø	ca weight	article number	article status
30 mm	1,1 kg/m	A10.3.3-1977	L
40 mm	1,86 kg/m	A10.3.3-2673	L
50 mm	2,86 kg/m	A10.3.3-2271	L
60 mm	4,1 kg/m	A10.3.3-218	L
80 mm	7,3 kg/m	A10.3.3-2272	L
100 mm	11,68 kg/m	A10.3.3-2674	L

POM-C KR, copolymer with talcum

POM-C with talcum added for dry unlubricated applications

POM-C KR, copolymer with talcum sheet, natural

thickness	format	article number	article status
3/8 "	480 x 480 mm	A13.2.2-238	B
5/8 "	480 x 480 mm	A13.2.2-239	B
3/4 "	480 x 480 mm	A13.2.2-240	B
1 "	480 x 480 mm	A13.2.2-2017	B

POM-C GF25, copolymer with 25% glass fibre

Glass fibre filler increases the stiffness of POM-C.

POM-C GF25, copolymer with 25% glass fibre rod, black

Ø	ca weight	article number	article status
20 mm	0,53 kg/m	A104.3.3-2697	B
25 mm	0,84 kg/m	A104.3.3-2698	B
30 mm	1,18 kg/m	A104.3.3-2699	B
40 mm	2,0 kg/m	A104.3.3-2106	L
50 mm	3,26 kg/m	A104.3.3-2700	B
60 mm	4,8 kg/m	A104.3.3-2701	B
80 mm	8,5 kg/m	A104.3.3-2702	B

**POM-C GF25, copolymer with 25% glass fibre
rod, natural**

Ø	ca weight	article number	article status
20 mm	0,52 kg/m	A104.3.2-2378	L
40 mm	2,0 kg/m	A104.3.2-2107	L
60 mm	4,6 kg/m	A104.3.2-2108	L
100 mm	12,8 kg/m	A104.3.2-2109	L

Catalogue index: B**PC, polycarbonate**

PC is an amorphous and transparent plastic, with exceptional toughness, even at low temperatures. It is hard, dimensionally stable, with good creep resistance and thermal stability, with a glass transition temperature of 140 C, which is the highest allowed short term use temperature. Tradenames Lexan, Makrolon.

PC, polycarbonate

PC is transparent with ca 89% light transmission, less than 1% haze, and has a high refractive index.

**PC, polycarbonate
sheet, clear transparent**

thickness	format	ca weight	article number	article status
0,14 mm	650 x 1200 mm		B5.2.1-241	L
0,25 mm	600 x 1000 mm		B5.2.1-242	L
0,50 mm	600 x 1000 mm		B5.2.1-243	L
0,75 mm	625 x 1250 mm		B5.2.1-244	L
1 mm	1250 x 2050 mm		B5.2.1-245	L
1,5 mm	1250 x 2050 mm		B5.2.1-246	L
2 mm	1250 x 2050 mm		B5.2.1-247	L
3 mm	1250 x 2050 mm		B5.2.1-248	L
4 mm	1250 x 2050 mm		B5.2.1-249	L
5 mm	1250 x 2050 mm		B5.2.1-250	L
6 mm	1250 x 2050 mm		B5.2.1-251	L
8 mm	1250 x 2050 mm		B5.2.1-252	L
10 mm	1250 x 2050 mm		B5.2.1-253	L
12 mm	1250 x 2050 mm		B5.2.1-254	L
15 mm	600 x 3000 mm	21 kg/m ²	B5.2.1-255	L
20 mm	600 x 3000 mm	26 kg/m ²	B5.2.1-256	L
25 mm	600 x 3000 mm	32 kg/m ²	B5.2.1-2126	L
30 mm	600 x 3000 mm	39 kg/m ²	B5.2.1-257	L
40 mm	600 x 3000 mm	51 kg/m ²	B5.2.1-258	L
50 mm	600 x 3000 mm	64 kg/m ²	B5.2.1-259	L
60 mm	600 x 3000 mm	77 kg/m ²	B5.2.1-260	L

**PC, polycarbonate
rod, clear transparent**

Ø	ca weight	article number	article status
6 mm		B5.3.1-261	L
8 mm		B5.3.1-262	L
10 mm		B5.3.1-263	L
12 mm		B5.3.1-264	L
16 mm		B5.3.1-265	L
20 mm	0,40 kg/m	B5.3.1-266	L
25 mm	0,62 kg/m	B5.3.1-267	L
30 mm	0,91 kg/m	B5.3.1-268	L
40 mm	1,6 kg/m	B5.3.1-269	L
50 mm	2,5 kg/m	B5.3.1-270	L
60 mm	3,6 kg/m	B5.3.1-271	L
80 mm	6,4 kg/m	B5.3.1-272	L
100 mm	10 kg/m	B5.3.1-273	L
120 mm	14,4 kg/m	B5.3.1-2278	L
125 mm	15 kg/m	B5.3.1-274	L
150 mm	23 kg/m	B5.3.1-275	L
200 mm	40 kg/m	B5.3.1-276	L

**PC, polycarbonate
tubes, clear transparent**

Ø	article number	article status
10/7 mm	B5.9.1-277	L
11/9 mm	B5.9.1-278	U
12/9 mm	B5.9.1-279	L
12/10 mm	B5.9.1-2412	L
13/9 mm	B5.9.1-3115	L
15/10 mm	B5.9.1-280	L
15/11 mm	B5.9.1-3116	L
16/12 mm	B5.9.1-3117	L
18/14 mm	B5.9.1-3118	L
20/14 mm	B5.9.1-281	L
20/16 mm	B5.9.1-2392	L
24/20 mm	B5.9.1-3119	B
25/21 mm	B5.9.1-282	L
25/22 mm	B5.9.1-3120	B
30/24 mm	B5.9.1-3121	B
30/25 mm	B5.9.1-3122	B
30/26 mm	B5.9.1-283	L
30/27 mm	B5.9.1-3123	B
30/28 mm	B5.9.1-2413	L
32/26 mm	B5.9.1-3124	B
36/30 mm	B5.9.1-284	L
36/32 mm	B5.9.1-3125	B
38/34 mm	B5.9.1-285	L
38/35 mm	B5.9.1-3126	B
40/34 mm	B5.9.1-286	L
40/36 mm	B5.9.1-3127	B
40/37 mm	B5.9.1-3128	B
40/38 mm	B5.9.1-2414	L
45/42 mm	B5.9.1-3129	B
50/44 mm	B5.9.1-3130	B
50/45 mm	B5.9.1-287	L
50/46 mm	B5.9.1-3131	B
50/47 mm	B5.9.1-3132	B
60/54 mm	B5.9.1-288	L
60/55 mm	B5.9.1-3133	B
60/56 mm	B5.9.1-1883	L
70/64 mm	B5.9.1-3134	B

70/65 mm	B5.9.1-3135	B
70/66 mm	B5.9.1-1884	L
75/69 mm	B5.9.1-2338	L
80/74 mm	B5.9.1-289	L
80/75 mm	B5.9.1-290	L
80/76 mm	B5.9.1-291	L
90/84 mm	B5.9.1-2397	L
90/85 mm	B5.9.1-3136	B
90/86 mm	B5.9.1-1885	L
100/94 mm	B5.9.1-292	L
100/95 mm	B5.9.1-3137	B
100/96 mm	B5.9.1-3138	B
110/102 mm	B5.9.1-2415	L
110/104 mm	B5.9.1-293	L
110/105 mm	B5.9.1-3139	B
110/106 mm	B5.9.1-3140	B
120/110 mm	B5.9.1-2402	L
120/112 mm	B5.9.1-3141	B
120/114 mm	B5.9.1-294	L
130/120 mm	B5.9.1-3142	B
130/122 mm	B5.9.1-3143	B
130/124 mm	B5.9.1-1886	L
134/124 mm	B5.9.1-3144	B
134/126 mm	B5.9.1-3145	B
134/128 mm	B5.9.1-3146	B
150/140 mm	B5.9.1-3147	B
150/142 mm	B5.9.1-3148	B
150/144 mm	B5.9.1-295	L
180/170 mm	B5.9.1-2426	L
180/172 mm	B5.9.1-2279	L
180/174 mm	B5.9.1-296	L
200/190 mm	B5.9.1-3149	B
200/192 mm	B5.9.1-3150	B
200/194 mm	B5.9.1-297	L
250/240 mm	B5.9.1-2492	L
250/242 mm	B5.9.1-2031	L
250/244 mm	B5.9.1-3151	B

PC GF30, polycarbonate with 30% glass fibre

This grade has 30% glass fiber reinforcement. Other loadings and colours on request.

PC GF30, polycarbonate with 30% glass fibre sheet, natural

thickness	format	ca weight	article number	article status
10 mm	500 x 3000 mm	15 kg/m ²	B6.2.2-305	L
20 mm	500 x 3000 mm	30 kg/m ²	B6.2.2-306	L

PC GF30, polycarbonate with 30% glass fibre rod, natural

Ø	ca weight	article number	article status
10 mm	0,11 kg/m	B6.3.2-298	L
20 mm	0,45 kg/m	B6.3.2-299	L
25 mm	0,70 kg/m	B6.3.2-300	L
30 mm	1,0 kg/m	B6.3.2-301	L
40 mm	1,9 kg/m	B6.3.2-302	L
60 mm	4,0 kg/m	B6.3.2-303	L
150 mm	26 kg/m	B6.3.2-304	L

PC SD, antistatic polycarbonate

Antistatic clear polycarbonate sheet.

PC SD, antistatic polycarbonate sheet, clear transparent

thickness	format	article number	article status
1 mm	1000 x 2000 mm	B113.2.1-2454	L
4 mm	1000 x 2000 mm	B113.2.1-2455	L
5 mm	1000 x 2000 mm	B113.2.1-2484	L

PC FR, flame retarded polycarbonate

Flame retarded grade, classed UL 94 V0

PC FR, flame retarded polycarbonate sheet, black

thickness	format	article number	article status
1 "	610 x 1220 mm	B14.2.3-307	L
1 1/2 "	610 x 1220 mm	B14.2.3-308	L
1 3/4 "	610 x 1220 mm	B14.2.3-309	L

PC FR, flame retarded polycarbonate rod, black

Ø	length	article number	article status
1/2 "	2,44 m	B14.3.3-310	L
5/8 "	2,44 m	B14.3.3-311	L
1 "	2,44 m	B14.3.3-312	L
1 1/2 "	2,44 m	B14.3.3-313	L
2 "	2,44 m	B14.3.3-314	L

PC UV, polycarbonate with enhanced UV protection

Clear PC grade with extra protection against ultraviolet radiation, for outdoor use.

PC UV, polycarbonate with enhanced UV protection sheet, clear transparent

thickness	format	article number	article status
1 mm	1500 x 2000 mm	B114.2.1-2470	L
2 mm	1500 x 2000 mm	B114.2.1-2471	L
3 mm	1500 x 2000 mm	B114.2.1-2472	L
4 mm	1500 x 2000 mm	B114.2.1-2473	L
5 mm	1500 x 2000 mm	B114.2.1-2474	L
6 mm	1500 x 2000 mm	B114.2.1-2475	L
8 mm	1500 x 2000 mm	B114.2.1-2476	L

PC HC, hard coated polycarbonate

Hard coated PC has enhanced scratch resistance compared to regular PC.

PC HC, hard coated polycarbonate sheet, clear transparent

thickness	format	article number	article status
3 mm	1500 x 2000 mm	B118.2.1-3354	L
4 mm	1500 x 2000 mm	B118.2.1-3355	L
5 mm	1500 x 2000 mm	B118.2.1-3356	L
6 mm	1500 x 2000 mm	B118.2.1-3357	L
8 mm	1500 x 2000 mm	B118.2.1-3358	L
10 mm	1500 x 2000 mm	B118.2.1-3359	L
12 mm	1500 x 2000 mm	B118.2.1-3360	L

PET, polyethylene terephthalate (PET-P)

These partially crystalline polyesters of terephthalic acid (PET x=2, PBT x=4) are very hard, stiff and tough, even at low temperatures. The dimensional stability is excellent and they are very creep resistant. Differing from PC, PET has good tribological properties, with low friction and high wear resistance. It is available unreinforced in natural and black colours PET natural and PET black, and lubricated with PTFE, PET TX, which is an excellent and cost effective alternative for many bearing

PET

Standard PET, also called PET-P. Tradenames Ertalyte, Tecadur, Sustadur.

**PET
rod, natural**

Ø	ca weight	article number	article status
10 mm	0,11 kg/m	B15.3.2-315	L
12 mm	0,17 kg/m	B15.3.2-2640	B
15 mm	0,27 kg/m	B15.3.2-2401	B
16 mm	0,29 kg/m	B15.3.2-316	L
18 mm	0,38 kg/m	B15.3.2-2641	B
20 mm	0,45 kg/m	B15.3.2-317	L
22 mm	0,57 kg/m	B15.3.2-2642	B
25 mm	0,7 kg/m	B15.3.2-318	L
30 mm	1,0 kg/m	B15.3.2-319	L
32 mm	1,2 kg/m	B15.3.2-2643	B
36 mm	1,5 kg/m	B15.3.2-2644	B
40 mm	1,8 kg/m	B15.3.2-320	L
45 mm	2,3 kg/m	B15.3.2-2645	B
50 mm	2,8 kg/m	B15.3.2-321	L
56 mm	3,6 kg/m	B15.3.2-2646	B
60 mm	4,0 kg/m	B15.3.2-322	L
65 mm	4,9 kg/m	B15.3.2-2647	B
70 mm	5,4 kg/m	B15.3.2-323	L
75 mm	6,5 kg/m	B15.3.2-2648	B
80 mm	7,1 kg/m	B15.3.2-324	L
90 mm	9,3 kg/m	B15.3.2-2649	B
100 mm	11,0 kg/m	B15.3.2-325	L
110 mm	14,0 kg/m	B15.3.2-2650	B
120 mm	16,7 kg/m	B15.3.2-2651	B
125 mm	17,4 kg/m	B15.3.2-326	L
130 mm	19,6 kg/m	B15.3.2-2652	B
140 mm	21,8 kg/m	B15.3.2-327	B
150 mm	25,1 kg/m	B15.3.2-328	L
160 mm	29,6 kg/m	B15.3.2-2653	B
180 mm	37,4 kg/m	B15.3.2-1924	L

200 mm	46,2 kg/m	B15.3.2-2427	L
210 mm	50,9 kg/m	B15.3.2-2654	B

PET
rod, black

Ø	ca weight	article number	article status
12 mm	0,17 kg/m	B15.3.3-1903	U
16 mm	0,30 kg/m	B15.3.3-1904	L
20 mm	0,47 kg/m	B15.3.3-1905	L
25 mm	0,73 kg/m	B15.3.3-1906	L
30 mm	1,04 kg/m	B15.3.3-1907	L
36 mm	1,50 kg/m	B15.3.3-1908	L
40 mm	1,84 kg/m	B15.3.3-1909	L
45 mm	2,34 kg/m	B15.3.3-1910	L
50 mm	2,88 kg/m	B15.3.3-1911	L
60 mm	4,15 kg/m	B15.3.3-1912	L
70 mm	5,62 kg/m	B15.3.3-1913	L
80 mm	7,36 kg/m	B15.3.3-1914	L
90 mm	9,31 kg/m	B15.3.3-1915	L
100 mm	11,5 kg/m	B15.3.3-1916	L
120 mm	16,7 kg/m	B15.3.3-1917	L
130 mm	19,6 kg/m	B15.3.3-1918	L
150 mm	26,0 kg/m	B15.3.3-1919	L

**PET
sheet, natural**

thickness	format	ca weight	article number	article status
2 mm	1000 x 2000 mm	2,87 kg/m ²	B15.2.2-2660	B
3 mm	1000 x 2000 mm	4,30 kg/m ²	B15.2.2-2661	B
4 mm	1000 x 2000 mm	5,70 kg/m ²	B15.2.2-2662	B
5 mm	1000 x 2000 mm	7,12 kg/m ²	B15.2.2-2663	B
6 mm	1000 x 2000 mm	8,55 kg/m ²	B15.2.2-2380	B
8 mm	600 x 3000 mm	12,4 kg/m ²	B15.2.2-2656	B
10 mm	600 x 3000 mm	15 kg/m ²	B15.2.2-329	L
12 mm	600 x 3000 mm	18 kg/m ²	B15.2.2-330	L
16 mm	600 x 3000 mm	24 kg/m ²	B15.2.2-331	L
20 mm	600 x 3000 mm	30 kg/m ²	B15.2.2-332	L
25 mm	600 x 3000 mm	37 kg/m ²	B15.2.2-333	L
30 mm	600 x 3000 mm	45 kg/m ²	B15.2.2-334	L
35 mm	600 x 3000 mm	53 kg/m ²	B15.2.2-2657	B
40 mm	600 x 3000 mm	59 kg/m ²	B15.2.2-335	L
45 mm	600 x 3000 mm	67 kg/m ²	B15.2.2-2658	B
50 mm	600 x 3000 mm	73 kg/m ²	B15.2.2-336	L
60 mm	600 x 3000 mm	90 kg/m ²	B15.2.2-337	L
70 mm	600 x 1000 mm	104 kg/m ²	B15.2.2-2659	B
80 mm	600 x 1000 mm	120 kg/m ²	B15.2.2-338	L
100 mm	600 x 1000 mm	156 kg/m ²	B15.2.2-339	L

**PET
sheet, black**

thickness	format	ca weight	article number	article status
8 mm	600 x 3000 mm	12,4 kg/m ²	B15.2.3-2664	B
10 mm	600 x 3000 mm	15,3 kg/m ²	B15.2.3-1920	L
12 mm	600 x 3000 mm	18,4 kg/m ²	B15.2.3-2288	L
16 mm	600 x 3000 mm	24,6 kg/m ²	B15.2.3-2665	B
20 mm	600 x 3000 mm	30,4 kg/m ²	B15.2.3-1921	L
25 mm	600 x 3000 mm	37,6 kg/m ²	B15.2.3-2666	B
30 mm	600 x 3000 mm	45,7 kg/m ²	B15.2.3-2667	B
40 mm	600 x 3000 mm	60,3 kg/m ²	B15.2.3-1922	L
50 mm	600 x 3000 mm	74,7 kg/m ²	B15.2.3-2668	B
60 mm	600 x 3000 mm	90,1 kg/m ²	B15.2.3-1923	L
80 mm	600 x 1000 mm	120,1 kg/m ²	B15.2.3-2669	B
100 mm	600 x 1000 mm	149,1 kg/m ²	B15.2.3-2670	B

PET TX, lubricated with 10% PTFE

PET TX is a PET with 10% PTFE solid lubricant for bearing applications. Tradename Ertalyte TX.

**PET TX, lubricated with 10% PTFE
rod, greyblue**

Ø	ca weight	article number	article status
10 mm	0,12 kg/m	B19.3.6-415	L
12 mm	0,18 kg/m	B19.3.6-416	L
16 mm	0,31 kg/m	B19.3.6-417	L
20 mm	0,48 kg/m	B19.3.6-426	L
25 mm	0,75 kg/m	B19.3.6-427	L
30 mm	1,1 kg/m	B19.3.6-428	L
36 mm	1,5 kg/m	B19.3.6-429	L
40 mm	1,9 kg/m	B19.3.6-430	L
45 mm	2,4 kg/m	B19.3.6-431	L
50 mm	3,0 kg/m	B19.3.6-432	L
60 mm	4,3 kg/m	B19.3.6-433	L
70 mm	5,8 kg/m	B19.3.6-434	L
80 mm	7,6 kg/m	B19.3.6-435	L
90 mm	9,6 kg/m	B19.3.6-2655	L
100 mm	11,9 kg/m	B19.3.6-436	L
120 mm	17,2 kg/m	B19.3.6-1925	L
130 mm	20,1 kg/m	B19.3.6-1926	L
150 mm	26,8 kg/m	B19.3.6-437	L

PET TX, lubricated with 10% PTFE sheet, greyblue

thickness	format	ca weight	article number	article status
8 mm	600 x 3000 mm	12,8 kg/m ²	B19.2.6-438	L
10 mm	600 x 3000 mm	15,8 kg/m ²	B19.2.6-439	L
12 mm	600 x 3000 mm	19,3 kg/m ²	B19.2.6-440	L
15 mm	600 x 3000 mm	23,8 kg/m ²	B19.2.6-441	L
20 mm	600 x 3000 mm	31,3 kg/m ²	B19.2.6-442	L
25 mm	600 x 3000 mm	38,7 kg/m ²	B19.2.6-443	L
30 mm	600 x 3000 mm	47,0 kg/m ²	B19.2.6-444	L
40 mm	600 x 3000 mm	62,0 kg/m ²	B19.2.6-445	L
50 mm	600 x 3000 mm	76,9 kg/m ²	B19.2.6-446	L
60 mm	600 x 3000 mm	92,5 kg/m ²	B19.2.6-447	L
80 mm	600 x 1000 mm	135,5 kg/m ²	B19.2.6-2671	B
100 mm	600 x 1000 mm	153,4 kg/m ²	B19.2.6-2672	B

PBT, polybutylene terephthalate

These partially crystalline polyesters of terephthalic acid (PET x=2, PBT x=4) are very hard, stiff and tough, even at low temperatures. The dimensional stability is excellent and they are very creep resistant. Differing from PC, PET has good tribological properties, with low friction and high wear resistance. It is available unreinforced in natural and black colours PET natural and PET black, and lubricated with PTFE, PET TX, which is an excellent and cost effective alternative for many bearing

PBT GF30, with 30% glass fibre

PBT with 30% glassfiber is a significantly stiffer alternative to e.g. PET

PBT GF30, with 30% glass fibre rod, natural

Ø	ca weight	article number	article status
20 mm	0,5 kg/m	B18.3.2-407	L
30 mm	1,1 kg/m	B18.3.2-408	L
40 mm	2,0 kg/m	B18.3.2-409	L
60 mm	4,5 kg/m	B18.3.2-410	L
100 mm	12 kg/m	B18.3.2-411	L

PBT GF30, with 30% glass fibre sheet, natural

thickness	format	ca weight	article number	article status
16 mm	500 x 3000 mm	13 kg/m ²	B18.2.2-412	L
30 mm	500 x 3000 mm	25 kg/m ²	B18.2.2-414	L
50 mm	500 x 3000 mm	41 kg/m ²	B18.2.2-413	L

PET-G, polyethylene terephthalate, glycole modified

PET-G is amorphous and transparent, vacuum formable and impact resistant.

PET-G

PET-G is a viable alternative to polycarbonate in many applications.

PET-G sheet, clear transparent

thickness	format	article number	article status
0,5 mm	1250 x 2050 mm	B16.2.1-1930	L
0,75 mm	1250 x 2050 mm	B16.2.1-2534	L
1,0 mm	1250 x 2050 mm	B16.2.1-2535	L
1,2 mm	1250 x 2050 mm	B16.2.1-340	U
1,5 mm	1250 x 2050 mm	B16.2.1-341	L
2 mm	1250 x 2050 mm	B16.2.1-342	L
3 mm	1250 x 2050 mm	B16.2.1-2708	L
4 mm	1250 x 2050 mm	B16.2.1-2709	L
5 mm	1250 x 2050 mm	B16.2.1-2710	L
6 mm	1250 x 2050 mm	B16.2.1-2711	L
8 mm	1250 x 2050 mm	B16.2.1-2712	B
10 mm	1250 x 2050 mm	B16.2.1-2713	B

Catalogue index: C**PA, polyamide (Nylon)**

Polyamides have a good balance of price, processability, machinability and material properties; high stiffness at elevated temperatures, high impact strength at low temperatures, good wear characteristics and low friction. They withstand many common aliphatic and aromatic hydrocarbons, lubricants and oils. Some acids, phenols and halogenated hydrocarbons, and strong bases and oxidants such as peroxides attack the materials. They are sensitive to hydrolysis and thermo-oxidative degradation. They are also strongly hygroscopic, which negatively affects dimensional stability.

PA-6

standard extruded PA-6 (Ertalon SA).

**PA-6
sheet, natural**

thickness	format	ca weight	article number	article status
0,5 mm	1000 x 2000 mm	0,6 kg/m ²	C21.2.2-3491	L
1 mm	1000 x 2000 mm	1,1 kg/m ²	C21.2.2-448	L
1,5 mm	1000 x 2000 mm	1,7 kg/m ²	C21.2.2-449	L
2 mm	1000 x 2000 mm	2,3 kg/m ²	C21.2.2-450	L
3 mm	1000 x 2000 mm	3,4 kg/m ²	C21.2.2-451	L
4 mm	1000 x 2000 mm	4,6 kg/m ²	C21.2.2-452	L
5 mm	1000 x 2000 mm	5,9 kg/m ²	C21.2.2-2714	L
6 mm	1000 x 2000 mm	7,1 kg/m ²	C21.2.2-2715	L
8 mm	600 x 3000 mm	10,3 kg/m ²	C21.2.2-2716	L
10 mm	600 x 3000 mm	12 kg/m ²	C21.2.2-453	L
12 mm	600 x 3000 mm	15 kg/m ²	C21.2.2-454	L
16 mm	600 x 3000 mm	20 kg/m ²	C21.2.2-2281	L
20 mm	600 x 3000 mm	25 kg/m ²	C21.2.2-455	L
25 mm	600 x 3000 mm	30 kg/m ²	C21.2.2-456	L
30 mm	600 x 3000 mm	37 kg/m ²	C21.2.2-457	L
35 mm	600 x 3000 mm	42 kg/m ²	C21.2.2-458	L
40 mm	600 x 3000 mm	49 kg/m ²	C21.2.2-459	L
50 mm	600 x 3000 mm	60 kg/m ²	C21.2.2-460	L
60 mm	600 x 3000 mm	73,6 kg/m ²	C21.2.2-2717	L
80 mm	600 x 1000 mm	98 kg/m ²	C21.2.2-461	L
100 mm	600 x 1000 mm	122 kg/m ²	C21.2.2-462	L

PA-6
rod, natural

Ø	ca weight	article number	article status
5 mm		C21.3.2-463	L
6 mm		C21.3.2-464	L
8 mm		C21.3.2-465	L
9 mm		C21.3.2-466	L
10 mm		C21.3.2-467	L
11 mm		C21.3.2-468	L
12 mm	0,141 kg/m	C21.3.2-2718	L
15 mm	0,217 kg/m	C21.3.2-2719	B
16 mm	0,25 kg/m	C21.3.2-2720	L
18 mm	0,31 kg/m	C21.3.2-469	L
20 mm	0,37 kg/m	C21.3.2-470	L
22 mm	0,46 kg/m	C21.3.2-471	L
25 mm	0,58 kg/m	C21.3.2-472	L
28 mm	0,73 kg/m	C21.3.2-473	L
30 mm	0,84 kg/m	C21.3.2-474	L
32 mm	0,95 kg/m	C21.3.2-475	L
36 mm	1,20 kg/m	C21.3.2-476	L
40 mm	1,50 kg/m	C21.3.2-477	L
45 mm	1,88 kg/m	C21.3.2-478	L
50 mm	2,3 kg/m	C21.3.2-479	L
56 mm	2,93 kg/m	C21.3.2-2721	B
60 mm	3,3 kg/m	C21.3.2-480	L
65 mm	3,95 kg/m	C21.3.2-2722	B
70 mm	4,5 kg/m	C21.3.2-481	L
75 mm	5,28 kg/m	C21.3.2-2723	B
80 mm	5,9 kg/m	C21.3.2-1888	L
85 mm	6,78 kg/m	C21.3.2-2724	B
90 mm	7,5 kg/m	C21.3.2-482	L
95 mm	8,47 kg/m	C21.3.2-2725	B
100 mm	9,2 kg/m	C21.3.2-483	L
110 mm	11,35 kg/m	C21.3.2-2726	L
120 mm	13,55 mm	C21.3.2-2727	L
125 mm	14,7 kg/m	C21.3.2-2728	L
130 mm	15,9 kg/m	C21.3.2-2729	L
140 mm	18,4 kg/m	C21.3.2-2730	L
150 mm	21,2 kg/m	C21.3.2-2731	L
160 mm	24,1 mm	C21.3.2-2732	L

165 mm	25,4 kg/m	C21.3.2-1889	U
170 mm	27,2 kg/m	C21.3.2-2733	B
180 mm	30,5 kg/m	C21.3.2-2734	L
200 mm	37,6 kg/m	C21.3.2-2735	L
220 mm	45,4 kg/m	C21.3.2-2736	L
250 mm	58,6 kg/m	C21.3.2-2737	L
280 mm	73,3 kg/m	C21.3.2-2738	L
300 mm	86 kg/m	C21.3.2-484	L

PA-6
heavy-wall tube, natural

Ø	ca weight	article number	article status
20/10 mm	0,314 kg/m	C21.8.2-2739	B
22/10 mm	0,393 kg/m	C21.8.2-2740	B
25/12 mm	0,488 kg/m	C21.8.2-2741	B
25/15 mm	0,418 kg/m	C21.8.2-2742	B
28/22 mm	0,34 kg/m	C21.8.2-485	U
30/15 mm	0,675 kg/m	C21.8.2-2743	B
30/20 mm	0,54 kg/m	C21.8.2-486	B
32/15 mm	0,835 kg/m	C21.8.2-2744	B
32/25 mm	0,497 kg/m	C21.8.2-2745	B
36/17 mm	1,04 kg/m	C21.8.2-2746	B
36/25 mm	0,755 kg/m	C21.8.2-2747	B
40/20 mm	1,23 kg/m	C21.8.2-2748	B
40/25 mm	1,04 kg/m	C21.8.2-2749	B
40/30 mm	0,80 kg/m	C21.8.2-2750	B
45/20 mm	1,63 kg/m	C21.8.2-2751	B
45/25 mm	1,44 kg/m	C21.8.2-2752	B
45/30 mm	1,20 kg/m	C21.8.2-2753	B
50/20 mm	2,07 kg/m	C21.8.2-2754	B
50/25 mm	1,88 kg/m	C21.8.2-2755	B
50/30 mm	1,64 kg/m	C21.8.2-2756	B
50/40 mm	1,1 kg/m	C21.8.2-487	B
55/25 mm	2,42 kg/m	C21.8.2-2757	B
55/35 mm	1,91 kg/m	C21.8.2-2758	B
56/30 mm	2,2 kg/m	C21.8.2-488	U
60/30 mm	2,7 kg/m	C21.8.2-489	B
60/40 mm	2,12 kg/m	C21.8.2-2759	B
60/50 mm	1,3 kg/m	C21.8.2-490	U
70/30 mm	3,98 kg/m	C21.8.2-2760	B
70/40 mm	3,38 kg/m	C21.8.2-2761	B
70/50 mm	2,6 kg/m	C21.8.2-491	B
70/60 mm	1,6 kg/m	C21.8.2-492	B
75/30 mm	4,66 kg/m	C21.8.2-2762	B
80/40 mm	4,9 kg/m	C21.8.2-493	B
80/50 mm	3,99 kg/m	C21.8.2-2763	B
80/60 mm	3,03 kg/m	C21.8.2-2764	B
85/40 mm	5,5 kg/m	C21.8.2-494	U
90/40 mm	6,53 kg/m	C21.8.2-2765	B

90/50 mm	5,7 kg/m	C21.8.2-495	B
90/60 mm	4,84 kg/m	C21.8.2-2766	B
100/40 mm	8,31 kg/m	C21.8.2-2768	B
100/50 mm	7,1 kg/m	C21.8.2-496	B
100/60 mm	6,61 kg/m	C21.8.2-2767	B
100/80 mm	4,18 kg/m	C21.8.2-497	B
110/50 mm	9,0 kg/m	C21.8.2-498	U
125/80 mm	8,9 kg/m	C21.8.2-499	U
125/100 mm	6,0 kg/m	C21.8.2-500	U
150/60 mm	18 kg/m	C21.8.2-501	U
150/70 mm	17 kg/m	C21.8.2-502	U
150/100 mm	13 kg/m	C21.8.2-503	U
160/80 mm	19 kg/m	C21.8.2-504	U
180/125 mm	19 kg/m	C21.8.2-505	U
200/100 mm	29 kg/m	C21.8.2-506	U
200/150 mm	19 kg/m	C21.8.2-507	U
250/200 mm	25 kg/m	C21.8.2-508	U
280/180 mm	45 kg/m	C21.8.2-509	U
280/200 mm	42 kg/m	C21.8.2-510	U

PA-6
rod, black

Ø	ca weight	article number	article status
10 mm	0,096 kg/m	C21.3.3-2769	B
15 mm	0,217 kg/m	C21.3.3-2542	B
16 mm	0,246 kg/m	C21.3.3-2770	B
20 mm	0,380 kg/m	C21.3.3-2771	B
25 mm	0,595 kg/m	C21.3.3-2772	B
30 mm	0,85 kg/m	C21.3.3-2773	B
32 mm	0,97 kg/m	C21.3.3-2774	B
36 mm	1,22 kg/m	C21.3.3-2775	B
40 mm	1,50 kg/m	C21.3.3-2776	B
45 mm	1,91 kg/m	C21.3.3-2777	B
50 mm	2,35 kg/m	C21.3.3-2778	B
56 mm	2,93 kg/m	C21.3.3-2779	B
60 mm	3,38 kg/m	C21.3.3-2780	B
70 mm	4,57 kg/m	C21.3.3-2781	B
80 mm	5,99 kg/m	C21.3.3-2782	B
90 mm	7,58 kg/m	C21.3.3-2783	B
100 mm	9,37 kg/m	C21.3.3-2784	B
120 mm	13,55 kg/m	C21.3.3-2785	B
150 mm	21,15 kg/m	C21.3.3-2786	B
180 mm	30,45 kg/m	C21.3.3-2787	B
200 mm	37,60 kg/m	C21.3.3-2788	B

PA-6 cast

Cast PA-6 (Ertalon PLA).

**PA-6 cast
rod, natural**

Ø	ca weight	article number	article status
50 mm	2,4 kg/m	C22.3.2-511	L
56 mm	3,0 kg/m	C22.3.2-2789	B
60 mm	3,5 kg/m	C22.3.2-512	L
65 mm	4,1 kg/m	C22.3.2-2280	L
70 mm	4,8 kg/m	C22.3.2-513	L
75 mm	5,4 kg/m	C22.3.2-2790	B
80 mm	6,2 kg/m	C22.3.2-514	L
85 mm	6,9 kg/m	C22.3.2-2791	B
90 mm	7,7 kg/m	C22.3.2-515	L
100 mm	9,5 kg/m	C22.3.2-516	L
110 mm	11,4 kg/m	C22.3.2-517	L
120 mm	13,8 kg/m	C22.3.2-2792	B
125 mm	14,3 kg/m	C22.3.2-518	L
130 mm	16,2 kg/m	C22.3.2-2793	B
140 mm	18,2 kg/m	C22.3.2-519	L
150 mm	21,8 kg/m	C22.3.2-520	L
160 mm	24,9 kg/m	C22.3.2-2282	L
170 mm	28,1 kg/m	C22.3.2-2794	B
180 mm	31,4 kg/m	C22.3.2-2283	L
190 mm	34,9 kg/m	C22.3.2-2795	B
200 mm	37,8 kg/m	C22.3.2-521	L
210 mm	43,0 kg/m	C22.3.2-2796	B
220 mm	47,1 kg/m	C22.3.2-2797	B
230 mm	51,3 kg/m	C22.3.2-2798	B
240 mm	55,7 kg/m	C22.3.2-2799	B
250 mm	59,2 kg/m	C22.3.2-522	L
260 mm	65,2 kg/m	C22.3.2-2800	B
270 mm	70,2 kg/m	C22.3.2-2801	B
280 mm	75,3 kg/m	C22.3.2-2802	B
300 mm	86,2 kg/m	C22.3.2-2803	B
325 mm	101,8 kg/m	C22.3.2-2804	B
350 mm	117,7 kg/m	C22.3.2-2805	B
375 mm	134,7 kg/m	C22.3.2-2806	B
400 mm	152,9 kg/m	C22.3.2-2807	B
450 mm	194,0 kg/m	C22.3.2-2808	B

500 mm	238,5 kg/m	C22.3.2-2809	B
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**PA-6 cast
sheet, natural**

thickness	format	ca weight	article number	article status
10 mm	600 x 1200 mm	13,5 kg/m ²	C22.2.2-2521	L
12 mm	600 x 1200 mm	15,8 kg/m ²	C22.2.2-2839	L
16 mm	600 x 1200 mm	20,6 kg/m ²	C22.2.2-2840	L
20 mm	600 x 1200 mm	25 kg/m ²	C22.2.2-2518	L
25 mm	600 x 1200 mm	31,2 kg/m ²	C22.2.2-2841	L
30 mm	600 x 1200 mm	37,5 kg/m ²	C22.2.2-2529	L
35 mm	600 x 1200 mm	43,4 kg/m ²	C22.2.2-2842	B
40 mm	600 x 1200 mm	49,3 kg/m ²	C22.2.2-2843	L
45 mm	600 x 1200 mm	55 kg/m ²	C22.2.2-523	B
50 mm	600 x 1200 mm	61 kg/m ²	C22.2.2-2519	L
55 mm	600 x 1200 mm	67,6 kg/m ²	C22.2.2-2844	B
60 mm	600 x 1200 mm	73,6 kg/m ²	C22.2.2-2845	L
70 mm	600 x 1200 mm	85,3 kg/m ²	C22.2.2-2846	B
80 mm	600 x 1200 mm	97,1 kg/m ²	C22.2.2-2847	L
90 mm	600 x 1200 mm	108,8 kg/m ²	C22.2.2-2848	B
100 mm	600 x 1200 mm	122 kg/m ²	C22.2.2-524	L

PA-6 cast
rod, black

Ø	ca weight	article number	article status
50 mm	2,39 kg/m	C22.3.3-2810	B
56 mm	2,99 kg/m	C22.3.3-2811	B
60 mm	3,44 kg/m	C22.3.3-2812	B
65 mm	4,03 kg/m	C22.3.3-2813	B
70 mm	4,66 kg/m	C22.3.3-2814	B
75 mm	5,39 kg/m	C22.3.3-2815	B
80 mm	6,12 kg/m	C22.3.3-2816	B
90 mm	7,77 kg/m	C22.3.3-2817	B
100 mm	9,57 kg/m	C22.3.3-2818	B
110 mm	11,6 kg/m	C22.3.3-2819	B
120 mm	13,8 kg/m	C22.3.3-2820	B
125 mm	15,0 kg/m	C22.3.3-2821	B
130 mm	16,2 kg/m	C22.3.3-2822	B
140 mm	18,8 kg/m	C22.3.3-2823	B
150 mm	21,6 kg/m	C22.3.3-2824	B
160 mm	24,4 kg/m	C22.3.3-1890	B
170 mm	28,1 kg/m	C22.3.3-2825	B
180 mm	30,8 kg/m	C22.3.3-1891	B
190 mm	34,9 kg/m	C22.3.3-2826	B
200 mm	38,5 kg/m	C22.3.3-2827	B
210 mm	43,0 kg/m	C22.3.3-2828	B
220 mm	47,1 kg/m	C22.3.3-2829	B
230 mm	51,3 kg/m	C22.3.3-2830	B
250 mm	60,3 kg/m	C22.3.3-2831	B
270 mm	70,2 kg/m	C22.3.3-2832	B
280 mm	75,3 kg/m	C22.3.3-2833	B
300 mm	86,2 kg/m	C22.3.3-2834	B
325 mm	101,8 kg/m	C22.3.3-2835	B
350 mm	117,7 kg/m	C22.3.3-2836	B
375 mm	134,7 kg/m	C22.3.3-2837	B
400 mm	152,9 kg/m	C22.3.3-2838	B

**PA-6 cast
sheet, black**

thickness	format	ca weight	article number	article status
10 mm	600 x 1200 mm	13,5 kg/m ²	C22.2.3-2849	B
12 mm	600 x 1200 mm	15,8 kg/m ²	C22.2.3-2850	B
16 mm	600 x 1200 mm	20,6 kg/m ²	C22.2.3-2851	B
20 mm	600 x 1200 mm	25,3 kg/m ²	C22.2.3-2852	B
25 mm	600 x 1200 mm	31,2 kg/m ²	C22.2.3-2853	B
30 mm	600 x 1200 mm	37,5 kg/m ²	C22.2.3-2854	B
40 mm	600 x 1200 mm	49,3 kg/m ²	C22.2.3-2855	B
50 mm	600 x 1200 mm	61,1 kg/m ²	C22.2.3-2856	B
60 mm	600 x 1200 mm	73,6 kg/m ²	C22.2.3-2857	B
70 mm	600 x 1200 mm	85,3 kg/m ²	C22.2.3-2858	B
80 mm	600 x 1200 mm	97 kg/m ²	C22.2.3-1892	L
90 mm	600 x 1200 mm	109 kg/m ²	C22.2.3-2859	B
100 mm	600 x 1200 mm	121 kg/m ²	C22.2.3-1893	L

**PA-6 cast
heavy-wall tube, red, RAL 3018**

Ø	ca weight	article number	article status
60/40 mm	2,2 kg/m	C22.8.101-2284	L

PA-6 G XAU, heat stabilised

Heat stabilised cast PA-6 with enhanced crystallinity. Ertalon 6 XAU.

**PA-6 G XAU, heat stabilised
rod, black**

Ø	ca weight	article number	article status
50 mm	2,6 kg/m	C23.3.3-525	L
56 mm	3,0 kg/m	C23.3.3-2860	B
60 mm	3,6 kg/m	C23.3.3-526	L
65 mm	4,0 kg/m	C23.3.3-2861	B
70 mm	4,8 kg/m	C23.3.3-527	L
75 mm	5,4 kg/m	C23.3.3-2862	B
80 mm	6,3 kg/m	C23.3.3-528	L
85 mm	7,0 kg/m	C23.3.3-2863	B
90 mm	7,8 kg/m	C23.3.3-2864	B
100 mm	10,3 kg/m	C23.3.3-529	L
110 mm	11,6 kg/m	C23.3.3-2865	B
120 mm	13,8 kg/m	C23.3.3-2866	B
125 mm	15,5 kg/m	C23.3.3-530	L
130 mm	16,2 kg/m	C23.3.3-2867	B
140 mm	18,8 kg/m	C23.3.3-2868	B
150 mm	21,6 kg/m	C23.3.3-2869	B
160 mm	24,9 kg/m	C23.3.3-2870	B
180 mm	31,6 kg/m	C23.3.3-2871	B
200 mm	38,5 kg/m	C23.3.3-2872	B
220 mm	47,1 kg/m	C23.3.3-2873	B
240 mm	55,7 kg/m	C23.3.3-2874	B
250 mm	60,3 kg/m	C23.3.3-2875	B
260 mm	65,2 kg/m	C23.3.3-2876	B
280 mm	75,3 kg/m	C23.3.3-2877	B
300 mm	86,2 kg/m	C23.3.3-2878	B
325 mm	101,8 kg/m	C23.3.3-2879	B
350 mm	117,7 kg/m	C23.3.3-2880	B
400 mm	152,9 kg/m	C23.3.3-2881	B
450 mm	194,0 kg/m	C23.3.3-2882	B
500 mm	238,5 kg/m	C23.3.3-2883	B

**PA-6 G XAU, heat stabilised
sheet, black**

thickness	format	article number	article status
8 mm	610 x 1220 mm	C23.2.3-531	L
10 mm	610 x 1220 mm	C23.2.3-532	L
12 mm	610 x 1220 mm	C23.2.3-533	L
16 mm	610 x 1220 mm	C23.2.3-534	L
20 mm	610 x 1220 mm	C23.2.3-2522	L
25 mm	610 x 1220 mm	C23.2.3-535	L
30 mm	610 x 1220 mm	C23.2.3-536	L
40 mm	610 x 1220 mm	C23.2.3-537	L
50 mm	610 x 1220 mm	C23.2.3-538	L
60 mm	610 x 1220 mm	C23.2.3-2898	B
70 mm	610 x 1220 mm	C23.2.3-2899	B
80 mm	610 x 1220 mm	C23.2.3-2900	B

**PA-6 G XAU, heat stabilised
heavy-wall tube, black**

Ø	ca weight	article number	article status
140/90 mm	12,3 kg/m	C23.8.3-1946	L

PA-6 G NSM, with solid lubricant

A cast PA-6 with solid lubricant, suited for parts moving at high velocity. Nylatron NSM.

**PA-6 G NSM, with solid lubricant
sheet, grey**

thickness	format	article number	article status
10 mm	610 x 1220 mm	C24.2.7-539	L
20 mm	610 x 1220 mm	C24.2.7-540	L
30 mm	610 x 1220 mm	C24.2.7-541	L
40 mm	610 x 1220 mm	C24.2.7-2901	B
50 mm	610 x 1220 mm	C24.2.7-2902	B
80 mm	610 x 1220 mm	C24.2.7-2903	B

PA-6 G LFX, oil lubricated

Oil lubricated cast PA-6 for high load, low velocity applications. Ertalon LFX.

**PA-6 G LFX, oil lubricated
sheet, green**

thickness	format	article number	article status
10 mm	610 x 1220 mm	C25.2.8-2904	B
12 mm	610 x 1220 mm	C25.2.8-2905	B
16 mm	610 x 1220 mm	C25.2.8-2906	B
20 mm	610 x 1220 mm	C25.2.8-2907	B
25 mm	610 x 1220 mm	C25.2.8-2287	L
30 mm	610 x 1220 mm	C25.2.8-2908	B
40 mm	610 x 1220 mm	C25.2.8-2909	B
50 mm	610 x 1220 mm	C25.2.8-542	L
60 mm	610 x 1220 mm	C25.2.8-2910	B
70 mm	610 x 1220 mm	C25.2.8-2911	B
80 mm	610 x 1220 mm	C25.2.8-2912	B
100 mm	610 x 1220 mm	C25.2.8-2913	B

**PA-6 G LFX, oil lubricated
rod, green**

Ø	ca weight	article number	article status
50 mm	2,36 kg/m	C25.3.8-2884	L
56 mm	2,95 kg/m	C25.3.8-543	L
60 mm	3,40 kg/m	C25.3.8-2885	L
70 mm	4,60 kg/m	C25.3.8-2886	L
80 mm	6,04 kg/m	C25.3.8-2887	L
90 mm	7,67 kg/m	C25.3.8-2888	B
100 mm	9,45 kg/m	C25.3.8-2889	B
110 mm	11,45 kg/m	C25.3.8-2890	B
120 mm	13,65 kg/m	C25.3.8-2891	B
130 mm	16,0 kg/m	C25.3.8-2892	B
150 mm	21,25 kg/m	C25.3.8-2893	B
160 mm	24,6 kg/m	C25.3.8-2894	B
180 mm	31,0 kg/m	C25.3.8-2895	B
200 mm	38,0 kg/m	C25.3.8-2896	B
250 mm	59,6 kg/m	C25.3.8-2897	B

PA-6 G GSM, lubricated with MoS2

Cast PA-6 with solid MoS2 lubricant. Molybdenum disulphide enhances crystallisation in the material, improving sliding and wear properties. (Nylatron GSM)

**PA-6 G GSM, lubricated with MoS2
rod, black**

Ø	ca weight	article number	article status
50 mm	2,41 kg/m	C117.3.3-2950	B
56 mm	3,00 kg/m	C117.3.3-2951	B
60 mm	3,46 kg/m	C117.3.3-2952	B
65 mm	4,05 kg/m	C117.3.3-2953	B
70 mm	4,68 kg/m	C117.3.3-2954	B
75 mm	5,41 kg/m	C117.3.3-2955	B
80 mm	6,14 kg/m	C117.3.3-2956	B
85 mm	6,98 kg/m	C117.3.3-2957	B
90 mm	7,80 kg/m	C117.3.3-2958	B
100 mm	9,61 kg/m	C117.3.3-2959	B
110 mm	11,65 kg/m	C117.3.3-2960	B
120 mm	13,85 kg/m	C117.3.3-2961	B
125 mm	15,00 kg/m	C117.3.3-2962	B
130 mm	16,25 kg/m	C117.3.3-2963	B
140 mm	18,80 kg/m	C117.3.3-2964	B
150 mm	21,60 kg/m	C117.3.3-2965	B
160 mm	25,00 kg/m	C117.3.3-2966	B
170 mm	28,15 kg/m	C117.3.3-2967	B
180 mm	31,50 kg/m	C117.3.3-2968	B
200 mm	38,65 kg/m	C117.3.3-2969	B
220 mm	47,25 kg/m	C117.3.3-2970	B
250 mm	60,60 kg/m	C117.3.3-2971	B
300 mm	86,60 kg/m	C117.3.3-2972	B
500 mm	239,6 kg/m	C117.3.3-2973	B

**PA-6 G GSM, lubricated with MoS2
sheet, black**

thickness	format	ca weight	article number	article status
10 mm	1220 x 2000 mm	33,3 kg/pc	C117.2.3-2974	B
12 mm	1220 x 2000 mm	39,1 kg/pc	C117.2.3-2975	B
16 mm	1220 x 2000 mm	50,7 kg/pc	C117.2.3-2976	B
20 mm	1220 x 2000 mm	62,2 kg/pc	C117.2.3-2977	B
25 mm	1220 x 2000 mm	76,7 kg/pc	C117.2.3-2978	B
30 mm	1220 x 2000 mm	92,2 kg/pc	C117.2.3-2979	B
35 mm	1220 x 2000 mm	106,7 kg/pc	C117.2.3-2980	B
40 mm	1220 x 2000 mm	121,2 kg/pc	C117.2.3-2981	B
50 mm	1220 x 2000 mm	150,1 kg/pc	C117.2.3-2982	B
60 mm	1220 x 2000 mm	180,9 kg/pc	C117.2.3-2983	B
70 mm	1220 x 2000 mm	209,8 kg/pc	C117.2.3-2984	B
80 mm	1220 x 2000 mm	238,7 kg/pc	C117.2.3-2985	B
100 mm	1220 x 2000 mm	296,6 kg/pc	C117.2.3-2986	B

PA-6 G ST901, impact modified

Extra tough, impact modified cast PA-6. (Nylatron MC 901).

**PA-6 G ST901, impact modified
rod, blue**

Ø	ca weight	article number	article status
50 mm	2,39 kg/m	C26.3.9-544	L
56 mm	2,99 kg/m	C26.3.9-545	B
60 mm	3,44 kg/m	C26.3.9-2914	L
65 mm	4,03 kg/m	C26.3.9-1962	B
80 mm	6,12 kg/m	C26.3.9-2915	B
100 mm	9,57 kg/m	C26.3.9-2916	B

PA-6 G ST901, impact modified sheet, blue

thickness	format	ca weight	article number	article status
10 mm	1220 x 2000 mm	33,15 kg/pc	C26.2.9-2917	B
16 mm	1220 x 2000 mm	50,40 kg/pc	C26.2.9-2918	B
20 mm	1220 x 2000 mm	61,95 kg/pc	C26.2.9-2919	B
25 mm	1220 x 2000 mm	76,35 kg/pc	C26.2.9-2920	B
30 mm	1220 x 2000 mm	91,85 kg/pc	C26.2.9-2921	B
40 mm	1220 x 2000 mm	120,7 kg/pc	C26.2.9-2922	B
50 mm	1220 x 2000 mm	149,5 kg/pc	C26.2.9-2923	B

PA-6 G SD, antistatic

Cast PA-6, static dissipative grade Polypenco MC501CDR6

PA-6 G SD, antistatic sheet, black

thickness	format	article number	article status
35 mm	500 x 500 mm	C109.2.3-2391	L

PA-6.6

standard extruded PA-6.6 (Ertalon 66)

PA-6.6 sheet, natural

thickness	format	ca weight	article number	article status
5 mm	500/600 x 3000 mm	6,3 kg/m ²	C27.2.2-546	L
6 mm	500/600 x 3000 mm	7,4 kg/m ²	C27.2.2-547	L
8 mm	500/600 x 3000 mm	10,0 kg/m ²	C27.2.2-548	L
10 mm	500/600 x 3000 mm	12,5 kg/m ²	C27.2.2-549	L
12 mm	500/600 x 3000 mm	14,8 kg/m ²	C27.2.2-550	L
16 mm	500/600 x 3000 mm	19,4 kg/m ²	C27.2.2-551	L
20 mm	500/600 x 3000 mm	24 kg/m ²	C27.2.2-552	L
25 mm	500/600 x 3000 mm	30 kg/m ²	C27.2.2-553	L
30 mm	500/600 x 3000 mm	37 kg/m ²	C27.2.2-554	L
40 mm	500/600 x 3000 mm	49 kg/m ²	C27.2.2-555	L
50 mm	500/600 x 3000 mm	60 kg/m ²	C27.2.2-556	L
60 mm	500/600 x 3000 mm	75 kg/m ²	C27.2.2-557	L

PA-6.6
rod, natural

Ø	ca weight	article number	article status
4 mm		C27.3.2-558	L
5 mm		C27.3.2-559	L
6 mm		C27.3.2-560	L
8 mm		C27.3.2-561	L
10 mm		C27.3.2-562	L
12 mm		C27.3.2-563	L
16 mm		C27.3.2-564	L
18 mm		C27.3.2-565	L
20 mm	0,37 kg/m	C27.3.2-566	L
22 mm	0,46 kg/m	C27.3.2-567	L
25 mm	0,58 kg/m	C27.3.2-568	L
28 mm	0,74 kg/m	C27.3.2-2285	L
30 mm	0,84 kg/m	C27.3.2-569	L
32 mm	0,95 kg/m	C27.3.2-570	L
36 mm	1,2 kg/m	C27.3.2-571	L
40 mm	1,5 kg/m	C27.3.2-573	L
45 mm	1,9 kg/m	C27.3.2-574	L
50 mm	2,3 kg/m	C27.3.2-575	L
60 mm	3,3 kg/m	C27.3.2-576	L
70 mm	5,0 kg/m	C27.3.2-577	L
80 mm	5,9 kg/m	C27.3.2-578	L
100 mm	9,2 kg/m	C27.3.2-579	L
125 mm	15 kg/m	C27.3.2-580	L
150 mm	21 kg/m	C27.3.2-581	L
165 mm	25 kg/m	C27.3.2-582	U
200 mm	37 kg/m	C27.3.2-583	L

PA-6.6
rod, black

Ø	ca weight	article number	article status
16 mm	0,25 kg/m	C27.3.3-2943	B
20 mm	0,38 kg/m	C27.3.3-2944	B
25 mm	0,58 kg/m	C27.3.3-1947	B
30 mm	0,85 kg/m	C27.3.3-2945	B
36 mm	1,22 kg/m	C27.3.3-2946	B
40 mm	1,50 kg/m	C27.3.3-2032	B
45 mm	1,91 kg/m	C27.3.3-2947	B
50 mm	2,35 kg/m	C27.3.3-2948	B
60 mm	3,38 kg/m	C27.3.3-2949	B

PA-6.6 MoS2

An extruded PA-6.6 with solid MoS2 lubricant. Molybdenum disulphide enhances crystallisation in the material, improving sliding and wear properties. Nylatron GS.

PA-6.6 MoS2
rod, black/antracite

Ø	ca weight	article number	article status
10 mm	0,10 kg/m	C28.3.34-584	L
20 mm	0,37 kg/m	C28.3.34-585	L
25 mm	0,58 kg/m	C28.3.34-586	L
30 mm	0,84 kg/m	C28.3.34-587	L
35 mm	1,2 kg/m	C28.3.34-588	L
40 mm	1,5 kg/m	C28.3.34-589	L
50 mm	2,3 kg/m	C28.3.34-590	L
60 mm	3,3 kg/m	C28.3.34-591	L
80 mm	5,9 kg/m	C28.3.34-592	L
100 mm	9,2 kg/m	C28.3.34-593	L

PA-6.6 MoS2
sheet, black/antracite

thickness	format	ca weight	article number	article status
10 mm	500 x 3000 mm	12,4 kg/m ²	C28.2.34-594	L
20 mm	500 x 3000 mm	25 kg/m ²	C28.2.34-595	L
30 mm	500 x 3000 mm	37 kg/m ²	C28.2.34-596	L
40 mm	500 x 3000 mm	48 kg/m ²	C28.2.34-597	L

PA-6.6 GF30, with 30% glass fibre

Polyamide-6.6 with 30% glass fiber reinforcement (Ertalon 66-GF30).

**PA-6.6 GF30, with 30% glass fibre
rod, black**

Ø	ca weight	article number	article status
10 mm	0,11 kg/m	C29.3.3-598	L
20 mm	0,44 kg/m	C29.3.3-599	L
25 mm	0,62 kg/m	C29.3.3-600	L
30 mm	0,98 kg/m	C29.3.3-601	L
40 mm	1,7 kg/m	C29.3.3-602	L
50 mm	2,7 kg/m	C29.3.3-603	L
60 mm	3,9 kg/m	C29.3.3-604	L
70 mm	5,3 kg/m	C29.3.3-605	L
80 mm	6,9 kg/m	C29.3.3-606	L
100 mm	11 kg/m	C29.3.3-607	L
120 mm	15,5 kg/m	C29.3.3-2286	L
130 mm	18,2 kg/m	C29.3.3-608	L
150 mm	25 kg/m	C29.3.3-609	L
180 mm	34,85 kg/m	C29.3.3-2437	L
200 mm	43 kg/m	C29.3.3-610	L

**PA-6.6 GF30, with 30% glass fibre
sheet, black**

thickness	format	ca weight	article number	article status
8 mm	600 x 3000 mm	12,4 kg/m ²	C29.2.3-611	L
10 mm	600 x 3000 mm	14,6 kg/m ²	C29.2.3-612	L
15 mm	600 x 3000 mm	23 kg/m ²	C29.2.3-613	L
20 mm	600 x 3000 mm	29 kg/m ²	C29.2.3-614	L
25 mm	600 x 3000 mm	36 kg/m ²	C29.2.3-615	L
30 mm	600 x 3000 mm	43 kg/m ²	C29.2.3-616	L
40 mm	600 x 3000 mm	57 kg/m ²	C29.2.3-617	L
50 mm	600 x 3000 mm	71 kg/m ²	C29.2.3-618	L
60 mm	600 x 3000 mm	86 kg/m ²	C29.2.3-619	L
80 mm	600 x 1000 mm	115 kg/m ²	C29.2.3-620	L
100 mm	600 x 1000 mm	144 kg/m ²	C29.2.3-621	L

PA-6.6 CF20, with 20% carbon fibre

polyamide-6.6 with 20% carbon fibre reinforcement

PA-6.6 CF20, with 20% carbon fibre rod, black

Ø	ca weight	article number	article status
20 mm	0,41 kg/m	C30.3.3-622	U
30 mm	0,91 kg/m	C30.3.3-623	U
60 mm	3,6 kg/m	C30.3.3-624	U

PA-6.6 CF20, with 20% carbon fibre sheet, black

thickness	format	ca weight	article number	article status
8 mm	300 x 1000 mm	10,9 kg/m ²	C30.2.3-625	U
40 mm	300 x 1000 mm	53 kg/m ²	C30.2.3-626	U

PA-12

polyamide-12 is mechanically weaker than the other polyamides, but absorbs less water.

PA-12 rod, natural

Ø	ca weight	article number	article status
20 mm	0,33 kg/m	C31.3.2-627	L
40 mm	1,40 kg/m	C31.3.2-1965	L
60 mm	3,15 kg/m	C31.3.2-1966	L
100 mm	8,75 kg/m	C31.3.2-1967	B
125 mm	13,7 kg/m	C31.3.2-1968	B
150 mm	19,2 kg/m	C31.3.2-2512	B

PA-12 sheet, natural

thickness	format	ca weight	article number	article status
6 mm	1000 x 2000 mm	8 kg/m ²	C31.2.2-628	U
20 mm	600 x 1000 mm	22 kg/m ²	C31.2.2-629	B
30 mm	600 x 1000 mm	34 kg/m ²	C31.2.2-2942	B
50 mm	600 x 1000 mm	54 kg/m ²	C31.2.2-630	B

PA-4.6

Polyamide-4.6 has the highest stiffness and use temperature of unfilled polyamides.

**PA-4.6
sheet, rust brown**

thickness	format	ca weight	article number	article status
10 mm	600 x 3000 mm	13,2 kg/m ²	C32.2.10-2932	B
15 mm	600 x 3000 mm	19,9 kg/m ²	C32.2.10-2933	B
20 mm	600 x 3000 mm	26,1 kg/m ²	C32.2.10-2934	B
25 mm	600 x 3000 mm	32 kg/m ²	C32.2.10-631	L
30 mm	600 x 3000 mm	39,4 kg/m ²	C32.2.10-2935	B
40 mm	600 x 3000 mm	51,7 kg/m ²	C32.2.10-2936	B
50 mm	600 x 3000 mm	64,4 kg/m ²	C32.2.10-2937	B

**PA-4.6
rod, rust brown**

Ø	ca weight	article number	article status
16 mm	0,26 kg/m	C32.3.10-2938	B
20 mm	0,40 kg/m	C32.3.10-2939	B
25 mm	0,62 kg/m	C32.3.10-2940	B
30 mm	0,88 kg/m	C32.3.10-2941	B
40 mm	1,57 kg/m	C32.3.10-2022	L
50 mm	2,45 kg/m	C32.3.10-2270	L
60 mm	3,52 kg/m	C32.3.10-2023	L

PA-6.3

PA-6.3 (polyphthalic amide PPA) is amorphous and transparent, and absorbs less water than other polyamides. They have high use temperatures, impact strength and chemical resilience.

**PA-6.3
rod, transparent, slightly yellowish**

Ø	ca weight	article number	article status
60 mm	3,3 kg/m	C98.3.31-1948	U
100 mm	9,1 kg/m	C98.3.31-1949	U

PA-6.3**sheet, transparent, slightly yellowish**

thickness	format	ca weight	article number	article status
8 mm	500 x 3000 mm	9,9 kg/m ²	C98.2.31-1950	U
20 mm	500 x 3000 mm	25,1 kg/m ²	C98.2.31-1951	U
50 mm	500 x 3000 mm	58,2 kg/m ²	C98.2.31-1952	U

PPO, polyphenylene oxide

PPO is amorphous with a high glass transition temperature (above 200 C) and is very stiff. The water absorption is low, and the resistance to hydrolysis good. Flame retarded grades up to UL94 V0 and V5 exist, but without flame retardants they are normally classed HB. Standard PPO has a short time service temperature of 110 C, and continuous at 85 C. A typical odour is common when machining PPO, and the material has a tendency to stress-cracking.

PPO

standard PPO grade Noryl 731

PPO**rod, greyblue**

Ø	ca weight	article number	article status
10 mm	0,09 kg/m	C33.3.6-632	L
16 mm	0,23 kg/m	C33.3.6-633	L
20 mm	0,36 kg/m	C33.3.6-634	L
25 mm	0,55 kg/m	C33.3.6-635	L
30 mm	0,81 kg/m	C33.3.6-636	L
40 mm	1,4 kg/m	C33.3.6-637	L
50 mm	2,3 kg/m	C33.3.6-638	L
60 mm	3,2 kg/m	C33.3.6-639	L
80 mm	5,7 kg/m	C33.3.6-640	L
100 mm	8,9 kg/m	C33.3.6-641	L
125 mm	14 kg/m	C33.3.6-642	L

**PPO
sheet, greyblue**

thickness	format	ca weight	article number	article status
6 mm	500 x 3000 mm	7,5 kg/m ²	C33.2.6-643	L
10 mm	500 x 3000 mm	12 kg/m ²	C33.2.6-644	L
20 mm	500 x 3000 mm	24 kg/m ²	C33.2.6-2289	L
25 mm	500 x 3000 mm	30 kg/m ²	C33.2.6-645	L
30 mm	500 x 3000 mm	34 kg/m ²	C33.2.6-646	L
40 mm	500 x 3000 mm	47 kg/m ²	C33.2.6-647	L
60 mm	500 x 3000 mm	68 kg/m ²	C33.2.6-1932	L
100 mm	500 x 3000 mm	118 kg/m ²	C33.2.6-648	L

PPO Noryl EN 265-701

Black PPO grade, improved flame properties, UL 94 V1 or V0 depending on thickness.

**PPO Noryl EN 265-701
rod, black**

Ø	length	article number	article status
1/2 "	2,44 m	C34.3.3-649	L
5/8 "	2,44 m	C34.3.3-650	L
3/4 "	2,44 m	C34.3.3-651	L
7/8 "	2,44 m	C34.3.3-652	L
1 "	2,44 m	C34.3.3-653	L
1 1/8 "	2,44 m	C34.3.3-654	L
1 1/4 "	2,44 m	C34.3.3-655	L
2 "	2,44 m	C34.3.3-1931	L

**PPO Noryl EN 265-701
sheet, black**

thickness	format	article number	article status
1/2 "	600 x 1200 mm	C34.2.3-3436	B
1 "	600 x 1200 mm	C34.2.3-656	L
1 1/2 "	600 x 1200 mm	C34.2.3-3437	B
2 "	600 x 1200 mm	C34.2.3-3438	B

PPO GF30, with 30% glass fibre

30% glass fiber reinforced PPO grade Noryl 801 GFN3

**PPO GF30, with 30% glass fibre
rod, tan**

Ø	ca weight	article number	article status
10 mm	0,11 kg/m	C35.3.5-657	L
20 mm	0,43 kg/m	C35.3.5-658	L
30 mm	0,97 kg/m	C35.3.5-659	L
40 mm	1,7 kg/m	C35.3.5-660	L
50 mm	2,8 kg/m	C35.3.5-661	L
60 mm	4,0 kg/m	C35.3.5-662	L
80 mm	6,9 kg/m	C35.3.5-663	L
100 mm	11 kg/m	C35.3.5-664	L
125 mm	17 kg/m	C35.3.5-665	L
150 mm	25 kg/m	C35.3.5-666	L
200 mm	44 kg/m	C35.3.5-667	L

**PPO GF30, with 30% glass fibre
sheet, tan**

thickness	format	ca weight	article number	article status
10 mm	500 x 3000 mm	15 kg/m ²	C35.2.5-668	L
20 mm	500 x 3000 mm	29 kg/m ²	C35.2.5-669	L
40 mm	500 x 3000 mm	56 kg/m ²	C35.2.5-670	L
100 mm	500 x 3000 mm	137 kg/m ²	C35.2.5-671	L

ABS, acrylnitrile-butadiene-styrene terpolymer

The most used olefinic styrenic copolymer is ABS, a terpolymer of acrylnitrile, butadiene and styrene. Different grades of ABS have properties in relation to the amount of three monomers. Styrene adds high gloss, stiffness and processability, butadiene gives toughness and impact strength at low temperatures, and acrylnitrile heat and chemical resilience.

ABS

standard ABS grade

ABS

rod, black

Ø	ca weight	length	article number	article status
3/8 "		2,44 m	C36.3.3-672	L
1/2 "		2,44 m	C36.3.3-673	L
5/8 "		2,44 m	C36.3.3-674	L
3/4 "		2,44 m	C36.3.3-675	L
7/8 "		2,44 m	C36.3.3-676	L
1 "		2,44 m	C36.3.3-677	L
30 mm	0,81 kg/m		C36.3.3-678	L
40 mm	1,4 kg/m		C36.3.3-679	L
50 mm	2,2 kg/m		C36.3.3-680	L
60 mm	3,1 kg/m		C36.3.3-681	L
80 mm	5,5 kg/m		C36.3.3-682	L
100 mm	8,4 kg/m		C36.3.3-683	L
110 mm	10,5 kg/m		C36.3.3-685	L
125 mm	14 kg/m		C36.3.3-684	L
150 mm	21 kg/m		C36.3.3-686	L

**ABS
rod, grey**

Ø	ca weight	article number	article status
10 mm		C36.3.7-2291	L
20 mm		C36.3.7-2494	L
30 mm	0,81 kg/m	C36.3.7-687	L
40 mm	1,4 kg/m	C36.3.7-688	L
50 mm	2,3 kg/m	C36.3.7-2495	L
60 mm	3,3 kg/m	C36.3.7-2496	L
80 mm	5,8 kg/m	C36.3.7-2497	L
100 mm	9,1 kg/m	C36.3.7-2498	L
125 mm	14 kg/m	C36.3.7-689	L
165 mm	24 kg/m	C36.3.7-690	L

**ABS
sheet, black**

thickness	format	ca weight	article number	article status
3 mm	1200 x 2000 mm		C36.2.3-2290	L
10 mm	500 x 3000 mm	12 kg/m ²	C36.2.3-691	L
16 mm	500 x 3000 mm	19 kg/m ²	C36.2.3-692	L
20 mm	500 x 3000 mm	23 kg/m ²	C36.2.3-693	L
25 mm	500 x 3000 mm	28 kg/m ²	C36.2.3-694	L
30 mm	500 x 3000 mm	34 kg/m ²	C36.2.3-695	L
40 mm	500 x 3000 mm	45 kg/m ²	C36.2.3-696	L
50 mm	500 x 3000 mm	56 kg/m ²	C36.2.3-697	L
60 mm	500 x 3000 mm	68 kg/m ²	C36.2.3-698	L
80 mm	500 x 3000 mm	92 kg/m ²	C36.2.3-699	L
100 mm	500 x 3000 mm	114 kg/m ²	C36.2.3-700	L
3/8 "	600 x 1200 mm		C36.2.3-2292	L
1/2 "	600 x 1200 mm		C36.2.3-2293	L
5/8 "	600 x 1200 mm		C36.2.3-2294	L
7/8 "	600 x 1200 mm		C36.2.3-2295	L
1 "	600 x 1200 mm		C36.2.3-2296	L
1 1/4 "	600 x 1200 mm		C36.2.3-2379	L
2 "	600 x 1200 mm		C36.2.3-2297	L
2 1/2 "	600 x 1200 mm		C36.2.3-2298	L

**ABS
sheet, grey**

thickness	format	ca weight	article number	article status
12 mm	600 x 3000 mm	15 kg/m ²	C36.2.7-2499	L
16 mm	500 x 3000 mm	19 kg/m ²	C36.2.7-701	L
20 mm	600 x 3000 mm	25 kg/m ²	C36.2.7-2501	L
30 mm	600 x 3000 mm	37 kg/m ²	C36.2.7-2500	B
50 mm	500 x 3000 mm	56 kg/m ²	C36.2.7-702	L

**ABS
sheet, tan**

thickness	format	article number	article status
3/8 "	300 x 1200 mm	C36.2.5-703	L
1 "	300 x 1200 mm	C36.2.5-704	L

**ABS
sheet, white**

thickness	format	ca weight	article number	article status
1 mm	1200 x 2200 mm	2,85 kg/pc	C36.2.11-1933	L
2 mm	1200 x 2200 mm	5,70 kg/pc	C36.2.11-705	L
3 mm	1200 x 2200 mm	8,56 kg/pc	C36.2.11-706	L
4 mm	1200 x 2200 mm	11,4 kg/pc	C36.2.11-707	L
5 mm	1200 x 2200 mm	14,3 kg/pc	C36.2.11-1934	L

PC/ABS, polycarbonate/ABS blend

A blend of PC and ABS, combining the heat resistance and flexibility of PC with the chemical resistance and gloss of ABS.

PC/ABS

Available in black, Cycoloy, other colours on request.

**PC/ABS
sheet, black**

thickness	format	article number	article status
3/8 "	480 x 480 mm	C40.2.3-739	L
1/2 "	480 x 480 mm	C40.2.3-740	L
3/4 "	480 x 480 mm	C40.2.3-741	L
7/8 "	480 x 480 mm	C40.2.3-742	L
1 "	480 x 480 mm	C40.2.3-743	L
1 1/4 "	480 x 480 mm	C40.2.3-1978	L

PC/ABS FR, flame retarded

Flame resistant PC/ABS, grade Cycoloy C2950, UL94 V0 compliant. Colour white.

**PC/ABS FR, flame retarded
sheet, white**

thickness	format	ca weight	article number	article status
16 mm	600 x 3000 mm	20 kg/m ²	C116.2.11-2539	L

HIPS, high impact polystyrene

Copolymerising styrene with an elastomer, or blending PS with e.g. polybutadiene, gives a range of impact resistant materials, known as HIPS. The resistance to high energetic radiation is still good.

HIPS

High impact polystyrene

**HIPS
sheet, white**

thickness	format	article number	article status
1 "	600 x 1200 mm	C37.2.11-708	L

PS-XL, cross-linked polystyrene

PS cross-linked with divinyl benzene renders a stiff and brittle material with exceptional optical and electrical properties.

PS-XL, Rexolite 1422

cross-linked PS, grade Rexolite 1422, clear transparent

**PS-XL, Rexolite 1422
rod, clear transparent**

Ø	= F ca	length	article number	article status
3/16 "	4,76 mm	1,22 m	C39.3.1-710	L
1/4 "	6,35 mm	1,22 m	C39.3.1-711	L
3/8 "	9,52 mm	1,22 m	C39.3.1-712	L
1/2 "	12,7 mm	1,22 m	C39.3.1-713	L
5/8 "	15,9 mm	1,22 m	C39.3.1-714	L
3/4 "	19 mm	1,22 m	C39.3.1-715	L
7/8 "	22,2 mm	1,22 m	C39.3.1-716	L
1 "	25,4 mm	1,22 m	C39.3.1-717	L
1 1/4 "	31,8 mm	1,22 m	C39.3.1-718	L
1 1/2 "	38,1 mm	1,22 m	C39.3.1-719	L
1 3/4 "	44,5 mm	1,22 m	C39.3.1-1991	L
2 "	50,8 mm	1,22 m	C39.3.1-720	L
2 1/4 "	57,1 mm	1,22 m	C39.3.1-721	L
2 1/2 "	63,5 mm	1,22 m	C39.3.1-722	L
2 3/4 "	69,8 mm	1,22 m	C39.3.1-723	L
3 "	76,2 mm	1,22 m	C39.3.1-724	L
3 1/4 "	82,5 mm	1,22 m	C39.3.1-725	L
3 1/2 "	88,9 mm	1,22 m	C39.3.1-726	L
3 3/4 "	95,2 mm	1,22 m	C39.3.1-727	L
4 "	101,6 mm	1,22 m	C39.3.1-728	L
4 1/2 "	114,3 mm	1,22 m	C39.3.1-729	L
6 "	152,4 mm	1,22 m	C39.3.1-730	L

PS-XL, Rexolite 1422
sheet, clear transparent

thickness	= ca thickness	format	= ca format	article number	article status
1/16 "	1,59 mm	36 x 36 "	914 x 914 mm	C39.2.1-731	L
3/32 "	2,38 mm	36 x 36 "	914 x 914 mm	C39.2.1-732	L
3/16 "	4,76 kg/m	36 x 36 "	914 x 914 mm	C39.2.1-733	L
1/4 "	6,35 mm	36 x 36 "	914 x 914 mm	C39.2.1-734	L
3/8 "	9,52 mm	36 x 36 "	914 x 914 mm	C39.2.1-735	L
1/2 "	12,7 mm	36 x 36 "	914 x 914 mm	C39.2.1-736	L
3/4 "	19,0 mm	36 x 36 "	914 x 914 mm	C39.2.1-737	L
1 "	25,4 mm	36 x 36 "	914 x 914 mm	C39.2.1-738	L

Catalogue index: D**PEEK, polyetheretherketone**

Polyaryletherketones are aromatic partly crystalline materials with exceptional properties. They have aromatic groups linearly connected through ether and ketone groups. The most common type is PEEK, polyetheretherketone, commercially available since 1978. The aromatic and ketone structure give high thermal strength, and the ether groups provide flexibility. The melting point of PEEK is 334 C and the glass transition is 143 C.

PEEK 450G

PEEK 450 G has a very broad thermal range, and can be used continuously between –250 and 250 C, temporarily up to 310 C. It has high mechanical strength and stiffnss, and very good dimensional stability. It is insoluble in all common solvents, and has excellent resistance to dilute acids, bases, salts and steam (hydrolysis), and can be sterilised by all conventional methods, i.e. with steam, dry heat, ethylene oxide and gamma irradiation. It has inherent low flammability and smoke emission, and substantially lower moisture absorption than nylons and many other polymers. It complies with US FDA and EU food contact regulations.

**PEEK 450G
rod, natural**

Ø	ca weight	article number	article status
5 mm	0,029 kg/m	D7.3.2-2540	L
6 mm	0,041 kg/m	D7.3.2-5	L
8 mm	0,072 kg/m	D7.3.2-6	L
10 mm	0,115 kg/m	D7.3.2-744	L
12 mm	0,164 kg/m	D7.3.2-745	L
16 mm	0,285 kg/m	D7.3.2-746	L
18 mm	0,358 kg/m	D7.3.2-3154	B
20 mm	0,439 kg/m	D7.3.2-747	L
22 mm	0,535 kg/m	D7.3.2-3155	B
25 mm	0,685 kg/m	D7.3.2-748	L
28 mm	0,855 kg/m	D7.3.2-3156	B
30 mm	0,98 kg/m	D7.3.2-749	L
32 mm	1,11 kg/m	D7.3.2-750	L
35 mm	1,34 kg/m	D7.3.2-751	L
40 mm	1,74 kg/m	D7.3.2-752	L
45 mm	2,19 kg/m	D7.3.2-753	L
50 mm	2,72 kg/m	D7.3.2-754	L
60 mm	3,92 kg/m	D7.3.2-755	L
70 mm	5,30 kg/m	D7.3.2-756	L
80 mm	6,94 kg/m	D7.3.2-757	L
90 mm	8,8 kg/m	D7.3.2-758	L
100 mm	10,9 kg/m	D7.3.2-759	L
110 mm	13,0 kg/m	D7.3.2-760	L
120 mm	15,4 kg/m	D7.3.2-2033	L
130 mm	18,2 kg/m	D7.3.2-2399	L

140 mm	21,1 kg/m	D7.3.2-2400	L
150 mm	24,2 kg/m	D7.3.2-3157	B
180 mm	34,6 kg/m	D7.3.2-3158	B
200 mm	42,6 kg/m	D7.3.2-3159	B

PEEK 450G
sheet, natural

thickness	format	ca weight	article number	article status
5 mm	600 x 3000 mm	7,5 kg/m ²	D7.2.2-761	L
6 mm	600 x 3000 mm	8,9 kg/m ²	D7.2.2-3208	L
8 mm	600 x 3000 mm	12,2 kg/m ²	D7.2.2-762	L
10 mm	600 x 3000 mm	14,5 kg/m ²	D7.2.2-2371	L
12 mm	600 x 3000 mm	18,2 kg/m ²	D7.2.2-763	L
16 mm	600 x 3000 mm	23,8 kg/m ²	D7.2.2-764	L
20 mm	600 x 3000 mm	30 kg/m ²	D7.2.2-765	L
25 mm	600 x 3000 mm	36 kg/m ²	D7.2.2-766	L
30 mm	600 x 3000 mm	43 kg/m ²	D7.2.2-767	L
35 mm	600 x 3000 mm	50 kg/m ²	D7.2.2-3209	B
40 mm	600 x 3000 mm	57 kg/m ²	D7.2.2-768	L
45 mm	600 x 3000 mm	64 kg/m ²	D7.2.2-3210	B
50 mm	600 x 3000 mm	70 kg/m ²	D7.2.2-769	L
60 mm	600 x 3000 mm	85 kg/m ²	D7.2.2-770	L

PEEK 450G
heavy-wall tube, natural

Ø	ca weight	article number	article status
50/30 mm	1,89 kg/m	D7.8.2-2508	L
70/50 mm	3,00 kg/m	D7.8.2-2509	L
100/70 mm	6,32 kg/m	D7.8.2-2527	L
100/80 mm	4,83 kg/m	D7.8.2-2510	L

PEEK 450 MT

PEEK 450G black. Properties are the same as for 450G, with the exception of electrical properties; values generally lie at half those of 450G.

**PEEK 450 MT
rod, black**

Ø	ca weight	article number	article status
8 mm	0,072 kg/m	D41.3.3-771	L
10 mm	0,115 kg/m	D41.3.3-772	L
12 mm	0,164 kg/m	D41.3.3-773	L
15 mm	0,25 kg/m	D41.3.3-774	L
16 mm	0,285 kg/m	D41.3.3-2367	L
20 mm	0,44 kg/m	D41.3.3-775	L
22 mm	0,54 kg/m	D41.3.3-3211	L
25 mm	0,68 kg/m	D41.3.3-2536	L
30 mm	0,98 kg/m	D41.3.3-2368	L
32 mm	1,11 kg/m	D41.3.3-776	L
35 mm	1,34 kg/m	D41.3.3-1961	L
40 mm	1,74 kg/m	D41.3.3-778	L
50 mm	2,72 kg/m	D41.3.3-777	L
60 mm	3,92 kg/m	D41.3.3-779	L

**PEEK 450 MT
sheet, black**

thickness	format	ca weight	article number	article status
10 mm	500/600 x 3000 mm	15 kg/m ²	D41.2.3-780	L
20 mm	500/600 x 3000 mm	30 kg/m ²	D41.2.3-781	L
25 mm	500/600 x 3000 mm	35 kg/m ²	D41.2.3-1960	L

**PEEK 450 MT
tubes, black**

Ø	article number	article status
4,9/4,1 mm	D41.9.3-782	L

PEEK 450 GF30, with 30% glass fibre

Addition of 30% glass fibre increases stiffness and heat distortion temperatures significantly. The excellent creep resistance and dimensional stability allow for high static loads for long periods at elevated temperatures.

PEEK 450 GF30, with 30% glass fibre rod, tan

Ø	ca weight	article number	article status
10 mm	0,133 kg/m	D42.3.5-783	L
20 mm	0,51 kg/m	D42.3.5-784	L
40 mm	2,02 kg/m	D42.3.5-785	L
50 mm	3,1 kg/m	D42.3.5-786	L
60 mm	4,55 kg/m	D42.3.5-787	L
80 mm	8,1 kg/m	D42.3.5-788	L
100 mm	12,6 kg/m	D42.3.5-789	L

PEEK 450 GF30, with 30% glass fibre sheet, tan

thickness	format	ca weight	article number	article status
10 mm	500 x 500 mm	16,2 kg/m ²	D42.2.5-790	L
20 mm	500 x 500 mm	32,4 kg/m ²	D42.2.5-791	L

PEEK 450 FC30, modified with PTFE, graphite, carbon fibre

Grade modified with 10% carbon fibre, 10% graphite and 10% PTFE. The low friction, low wear and high pressure-velocity capacity is ideal for unlubricated bearing applications.

PEEK 450 FC30, modified with PTFE, graphite, carbon fibre rod, black

Ø	ca weight	article number	article status
6 mm	0,045 kg/m	D43.3.3-792	L
8 mm	0,081 kg/m	D43.3.3-793	L
10 mm	0,123 kg/m	D43.3.3-794	L
12 mm	0,184 kg/m	D43.3.3-2369	L
15 mm	0,28 kg/m	D43.3.3-795	L
16 mm	0,319 kg/m	D43.3.3-2370	L
20 mm	0,49 kg/m	D43.3.3-796	L
25 mm	0,77 kg/m	D43.3.3-797	L
30 mm	1,11 kg/m	D43.3.3-798	L
40 mm	1,94 kg/m	D43.3.3-799	L
50 mm	3,02 kg/m	D43.3.3-800	L
60 mm	4,37 kg/m	D43.3.3-801	L
80 mm	7,76 kg/m	D43.3.3-802	L
100 mm	12,1 kg/m	D43.3.3-803	L

PEEK 450 FC30, modified with PTFE, graphite, carbon fibre sheet, black

thickness	format	ca weight	article number	article status
5 mm	300/500/600 x 1000 mm	8,6 kg/m ²	D43.2.3-804	L
8 mm	300/500/600 x 1000 mm	13,0 kg/m ²	D43.2.3-805	L
10 mm	300/500/600 x 1000 mm	15,6 kg/m ²	D43.2.3-806	L
16 mm	300/500/600 x 1000 mm	25,5 kg/m ²	D43.2.3-807	L
25 mm	300/500/600 x 1000 mm	39,5 kg/m ²	D43.2.3-808	L
30 mm	300/500/600 x 1000 mm	48,0 kg/m ²	D43.2.3-1937	L
50 mm	300/500/600 x 1000 mm	78,0 kg/m ²	D43.2.3-809	L

PEEK 450 CA30, with 30% carbon fibre

The stiffest of the PEEK grades, with 30% carbon fiber reinforcement. Wear resistance is increased compared to glass filled grades, and the carbon fibres reduce thermal expansion and increase the thermal conductivity, dissipating heat away from the surface and increasing the pressure-velocity capacity.

PEEK 450 CA30, with 30% carbon fibre rod, black

Ø	ca weight	article number	article status
8 mm	0,078 kg/m	D44.3.3-810	L
10 mm	0,12 kg/m	D44.3.3-811	L
16 mm	0,32 kg/m	D44.3.3-812	L
20 mm	0,48 kg/m	D44.3.3-1938	L
30 mm	1,07 kg/m	D44.3.3-813	L
50 mm	2,94 kg/m	D44.3.3-814	L
60 mm	4,28 kg/m	D44.3.3-2537	L
80 mm	7,63 kg/m	D44.3.3-815	L

PEEK 450 CA30, with 30% carbon fibre sheet, black

thickness	format	ca weight	article number	article status
5 mm	480 x 480 mm	2,1 kg/pc	D44.2.3-816	L
10 mm	480 x 480 mm	3,8 kg/pc	D44.2.3-817	L
20 mm	480 x 480 mm	7,6 kg/pc	D44.2.3-818	L

PPS, polyphenylene sulphide

PPS is a crystalline polymer. It is hard and stiff with excellent dimensional stability and creep resistance. PPS is very resistant to chemical attack, apart from strong oxidizing acids, no solvent is known to attack the material below 200 C. It is also very thermo-oxidative stable, and has high oxygen index (typically 44%) classed UL94 V0 or better.

PPS modified, with PTFE and glass fibre

A bearing grade with 15% PTFE solid lubricant and 15% glass fibre reinforcement, blue colour. (Techtron HPV).

PPS modified, with PTFE and glass fibre rod, blue

Ø	ca weight	article number	article status
10 mm	0,12 kg/m	D46.3.9-828	L
12 mm	0,19 kg/m	D46.3.9-830	L
16 mm	0,33 kg/m	D46.3.9-831	L
20 mm	0,49 kg/m	D46.3.9-832	L
25 mm	0,77 kg/m	D46.3.9-833	L
30 mm	1,1 kg/m	D46.3.9-834	L
40 mm	1,9 kg/m	D46.3.9-835	L
50 mm	3,0 kg/m	D46.3.9-836	L
60 mm	4,4 kg/m	D46.3.9-837	L
70 mm	5,9 kg/m	D46.3.9-838	L
80 mm	7,7 kg/m	D46.3.9-839	L

PPS modified, with PTFE and glass fibre sheet, blue

thickness	format	ca weight	article number	article status
10 mm	610 x 1000 mm	10 kg/pc	D46.2.9-840	L
16 mm	610 x 1000 mm	16 kg/pc	D46.2.9-841	L
20 mm	610 x 1000 mm	20 kg/pc	D46.2.9-842	L
30 mm	610 x 1000 mm	30 kg/pc	D46.2.9-843	L
40 mm	610 x 1000 mm	39 kg/pc	D46.2.9-844	L

PPS FC30, with PTFE, graphite and carbon fibre

Another bearing grade, black colour, with 10% PTFE, 10% graphite and 10% carbon fibre reinforcement. (Tecatron PVX).

PPS FC30, with PTFE, graphite and carbon fibre rod, black

Ø	ca weight	length	article number	article status
10 mm	0,13 kg/m	1 m	D47.3.3-845	L
20 mm	0,51 kg/m	1 m	D47.3.3-846	L
40 mm	2,0 kg/m	1 m	D47.3.3-847	L

PPS FC30, with PTFE, graphite and carbon fibre sheet, black

thickness	format	ca weight	article number	article status
20 mm	500 x 1000 mm	16,6 kg/m ²	D47.2.3-848	L

PPS GF40, with 40% glass fibre

Grade with 40% glass fiber reinforcement, black colour, very high stiffness. (Tecatron GF40).

PPS GF40, with 40% glass fibre rod, black

Ø	ca weight	length	article number	article status
10 mm	0,14 kg/m	1 m	D48.3.3-849	L
20 mm	0,54 kg/m	1 m	D48.3.3-850	L
30 mm	1,2 kg/m	1 m	D48.3.3-851	L
40 mm	2,2 kg/m	1 m	D48.3.3-852	L
60 mm	4,8 kg/m	1 m	D48.3.3-853	L

PPS GF40, with 40% glass fibre sheet, black

thickness	format	ca weight	article number	article status
20 mm	500 x 1000 mm	17,7 kg/m ²	D48.2.3-854	L
40 mm	500 x 1000 mm	35 kg/m ²	D48.2.3-855	L

PAI , polyamideimide

PAI is an amorphous polymer with glass transition and heat distortion temperatures in the range 270-280 C. PAI has outstanding mechanical properties with good impact resistance even at low temperatures (-200 C), and maintains stiffness and strength up to its glass transition. Creep resistance is good and heat expansion low, resembling that of aluminium. PAI is flame resistant and classed UL94 V0, with oxygen index 43%. It has high radiation resistance, but it is attacked by several chemicals, and also steam and alkali at elevated temperatures.

PAI Torlon 4203

Unreinforced grade with the best toughness and impact strength.

**PAI Torlon 4203
sheet, yellow-ochre**

thickness	= ca thickness	format	article number	article status
1/4 "	6,35 mm	305 x 305 mm	D101.2.35-3447	B
3/8 "	9,53 mm	305 x 305 mm	D101.2.35-3448	B
1/2 "	12,7 mm	305 x 305 mm	D101.2.35-3449	B
5/8 "	15,9 mm	305 x 305 mm	D101.2.35-2034	L
3/4 "	19,05 mm	305 x 305 mm	D101.2.35-3450	B
1 "	25,4 mm	305 x 305 mm	D101.2.35-2035	L

**PAI Torlon 4203
rod, yellow-ochre**

Ø	= F ca	article number	article status
1/4 "	6,35 mm	D101.3.35-3439	B
3/8 "	9,53 mm	D101.3.35-3440	B
1/2 "	12,7 mm	D101.3.35-3441	B
5/8 "	15,88 mm	D101.3.35-3442	B
3/4 "	19,05 mm	D101.3.35-3443	B
1 "	25,4 mm	D101.3.35-3444	B
1 1/4 "	31,75 mm	D101.3.35-3445	B
1 1/2 "	38,1 mm	D101.3.35-2525	L
2 "	50,8 mm	D101.3.35-3446	B

PAI Torlon 4301, with graphite and PTFE

Torlon 4301 is a bearing grade, dark black green, with 12% graphite and 8% PTFE lubrication.

PAI Torlon 4301, with graphite and PTFE rod, dark green

Ø	= F ca	article number	article status
1/4 "	6,35 mm	D45.3.13-819	L
3/8 "	9,53 mm	D45.3.13-820	L
1/2 "	12,7 mm	D45.3.13-821	L
5/8 "	15,9 mm	D45.3.13-822	L
3/4 "	19,1 mm	D45.3.13-823	L
1 "	25,4 mm	D45.3.13-824	L
1 1/4 "	31,7 mm	D45.3.13-825	L
1 1/2 "	38,1 mm	D45.3.13-826	L
2 "	50,8 mm	D45.3.13-827	L

PAI Torlon 4301, with graphite and PTFE sheet, dark green

thickness	= ca thickness	format	article number	article status
1/4 "	6,35 mm	305 x 305 mm	D45.2.13-3451	B
3/8 "	9,53 mm	305 x 305 mm	D45.2.13-3452	B
1/2 "	12,7 mm	305 x 305 mm	D45.2.13-3453	B
5/8 "	15,88 mm	305 x 305 mm	D45.2.13-3454	B
3/4 "	19,05 mm	305 x 305 mm	D45.2.13-3455	B
1 "	25,4 mm	305 x 305 mm	D45.2.13-3456	B

PBI , polybenzimidazole

PBI (Celazole) has the highest temperature resistance of all thermoplastics, 310 C continuously and 500 C short term. It has outstanding mechanical strength and stiffness, and creep resistance, as well as very low coefficient of expansion.

PBI , polybenzimidazole (Celazole)

Available in rods and sheets, and on request in tubes.

**PBI , polybenzimidazole (Celazole)
rod, black**

Ø	= F ca	length	article number	article status
1/2 "	12,7 mm	305 mm	D120.3.3-3476	B
3/4 "	19,05 mm	305 mm	D120.3.3-3477	B
1 "	25,4 mm	305 mm	D120.3.3-3478	B
1 1/2 "	38,1 mm	305 mm	D120.3.3-3479	B
2 "	50,8 mm	203 mm	D120.3.3-3480	B

**PBI , polybenzimidazole (Celazole)
sheet, black**

thickness	= ca thickness	format	article number	article status
1/2 "	12,7 mm	305 x 305 mm	D120.2.3-3481	B
3/4 "	19,05 mm	305 x 305 mm	D120.2.3-3482	B
1 "	25,4 mm	305 x 305 mm	D120.2.3-3483	B
1 1/2 "	38,1 mm	305 x 305 mm	D120.2.3-3484	B

Catalogue index: E**PSU, polysulfone**

Polysulfone is an amorphous, transparent material with good dimensional stability and heat resistance, it can be used temporarily at 180 C. The chemical resistance is good, but the material is notch-sensitive, and some polar and aromatic solvents (ketones and esters) will cause stress-cracking. PSU has good flame resistance and is classed UL94 V0 at 1,6 mm. Water absorption is low and the resistance to hydrolysis is excellent even in continuous use in steam, and PSU can be steam-sterilized. PSU withstands high energetic radiation (not UV). The electrical properties are hardly dependent on temperature and frequency, with low dielectric constant and loss, high resistivity and dielectric strength. PSU has rather high friction and poor wear resistance.

PSU

standard grade, some dimensions P-1700 MG11 medical grade.

PSU**rod, amber, transparent**

Ø	ca weight	article number	article status
6 mm	0,04 kg/m	E49.3.14-856	L
10 mm	0,11 kg/m	E49.3.14-857	L
20 mm	0,41 kg/m	E49.3.14-858	L
25 mm	0,64 kg/m	E49.3.14-859	L
30 mm	0,94 kg/m	E49.3.14-860	L
40 mm	1,7 kg/m	E49.3.14-861	L
50 mm	2,6 kg/m	E49.3.14-862	L
60 mm	3,7 kg/m	E49.3.14-863	L
80 mm	6,5 kg/m	E49.3.14-1887	L
100 mm	10 kg/m	E49.3.14-864	L
150 mm	24 kg/m	E49.3.14-865	L

PSU

sheet, amber, transparent

thickness	= ca thickness	format	ca weight	article number	article status
0,06 "	1,58 mm	610 x 1220 mm		E49.2.14-871	L
0,09 "	2,29 mm	1220 x 1220 mm		E49.2.14-872	L
0,125 "	3,18 mm	1220 x 1220 mm		E49.2.14-873	L
10 mm		300 x 3000 mm	14 kg/m ²	E49.2.14-866	L
20 mm		300 x 3000 mm	28 kg/m ²	E49.2.14-867	L
30 mm		300 x 3000 mm	41 kg/m ²	E49.2.14-868	L
40 mm		300 x 3000 mm	55 kg/m ²	E49.2.14-869	L
60 mm		300 x 3000 mm	82 kg/m ²	E49.2.14-870	L

PES, polyethersulfone

PES is a hard material, with good dimensional and heat stability, usable short term up to 200 C. Compared with e.g. PSU, PES has somewhat better mechanical properties. The chemical resistance is good overall, but PES is notch-sensitive and will be attacked by some aromatic and polar solvents, causing stress-cracking. Flammability is low, and PES is classed as UL94 V0 from 0,5 mm.

PES

standard grade PES, dark amber, transparent

PES

rod, amber, transparent

Ø	= F ca	ca weight	article number	article status
1/2 "	12,7 mm	0,17 kg/m	E50.3.14-874	L
20 mm		0,5 kg/m	E50.3.14-875	L
1 "	25,4 mm	0,7 kg/m	E50.3.14-876	L
40 mm		1,8 kg/m	E50.3.14-877	L
60 mm		4 kg/m	E50.3.14-878	L
100 mm		11 kg/m	E50.3.14-879	L
150 mm		25 kg/m	E50.3.14-880	L

PEI, polyether imide

Polyether imide is amorphous with glass transition and heat distortion temperatures around 200 C. PEI is transparent with amber colour, known under the trade name Ultem, and is commonly used unfilled, or with 30% glass fibre reinforcement, which enhances the already good creep resistance at elevated temperatures. PEI is flame resistant, classed as UL94 V0 and with an oxygen index of 47%. It is resistant to hydrolysis (exceptionally well suited for autoclaving).

PEI

Unfilled standard grade Ultem 1000

**PEI
rod, amber, transparent**

Ø	= F ca	article number	article status
1/4 "	6,35 mm	E51.3.14-881	L
3/8 "	9,53 mm	E51.3.14-882	L
1/2 "	12,7 mm	E51.3.14-883	L
5/8 "	15,9 mm	E51.3.14-884	L
3/4 "	19,1 mm	E51.3.14-885	L
1 "	25,4 mm	E51.3.14-886	L
1 1/2 "	38,1 mm	E51.3.14-887	L
2 "	50,8 mm	E51.3.14-888	L
2 1/2 "	63,5 mm	E51.3.14-889	L
3 "	76,2 mm	E51.3.14-890	L
4 "	101,6 mm	E51.3.14-891	L
6 "	152,4 mm	E51.3.14-892	L

**PEI
sheet, amber, transparent**

thickness	= ca thickness	format	article number	article status
1/4 "	6,35 mm	305 x 1200 mm	E51.2.14-893	L
1/2 "	12,7 mm	610 x 1200 mm	E51.2.14-894	L
1 "	25,4 mm	610 x 1200 mm	E51.2.14-2036	L
1 1/2 "	38,1 mm	610 x 1200 mm	E51.2.14-895	L
2 "	50,8 mm	610x 1200 mm	E51.2.14-1982	L

**PEI
rod, black**

Ø	= F ca	article number	article status
5/8 "	15,9 mm	E51.3.3-2016	L
3/4 "	19,1 mm	E51.3.3-1983	L
1 "	25,4 mm	E51.3.3-1984	L
1 1/4 "	31,7 mm	E51.3.3-2277	L
1 1/2 "	38,1 mm	E51.3.3-1985	L
2 "	50,8 mm	E51.3.3-1986	L
2 1/2 "	63,5 mm	E51.3.3-2365	L
4 "	101,6 mm	E51.3.3-1987	L
5 1/2 "	139,7 mm	E51.3.3-1988	L

**PEI
sheet, black**

thickness	= ca thickness	format	article number	article status
3/4 "	19,1 mm	610 x 1200 mm	E51.2.3-1989	L
1 "	25,4 mm	610 x 1200 mm	E51.2.3-2037	L
1 1/2 "	38,1 mm	610 x 1200 mm	E51.2.3-2038	L
2 "	50,8 mm	610 x 1200 mm	E51.2.3-1990	L

PEI GF30, with 30% glass fibre

grade with 30% glass fibre reinforcement, Ultem 2300.

**PEI GF30, with 30% glass fibre
rod, yellow brown**

Ø	= F ca	article number	article status
1/2 "	12,7 mm	E52.3.15-896	L
1 "	25,4 mm	E52.3.15-897	L
1 1/2 "	38,1 mm	E52.3.15-898	L
2 "	50,8 mm	E52.3.15-899	L
3 "	76,2 mm	E52.3.15-900	L
4 "	101,6 mm	E52.3.15-901	L

PPSU, Polyphenylenesulfone

PPSU, known under the tradename Radel R, has somewhat superior properties compared to PSU and PEI, notably impact strength, resistance to chemicals and hydrolysis.

PPSU

PPSU is often used in medical technology.

PPSU**rod, black**

Ø	ca weight	article number	article status
12 mm	0,17 kg/m	E105.3.3-2128	L
16 mm	0,29 kg/m	E105.3.3-2129	L
20 mm	0,44 kg/m	E105.3.3-2130	L
30 mm	0,99 kg/m	E105.3.3-2131	L
40 mm	1,75 kg/m	E105.3.3-2132	L
50 mm	2,73 kg/m	E105.3.3-2133	L

PMP, polymethyl pentene

Polymethyl pentene is a stiff and tough isotactic polyolefin with exceptional optical, thermal and electrical properties. It has high heat resistance, with a melting point around 230 C, continuous use temperature at 120 C and short term at 180 C. It has the lowest density of all commercial plastics. despite PMP being highly crystalline, it has 90% transparency with low haze. Light transmission exceeds that of glass near UV.

PMP (TPX)

PMP is commonly known as TPX. Standard grades are TPX DX 845 and RT 18 XB. Other grades available on request.

PMP (TPX)

rod, transparent, slightly yellowish

Ø	= F ca	article number	article status
1/2 "	12,7 mm	E53.3.31-2514	L
5/8 "	15,9 mm	E53.3.31-2516	L
1 "	25,4 mm	E53.3.31-902	L
1 1/4 " "	31,75 mm	E53.3.31-2515	L
1 1/2 "	38,1 mm	E53.3.31-903	L
1 3/4 "	44,5 mm	E53.3.31-904	L
2 "	50,8 mm	E53.3.31-905	L
3 "	76,2 mm	E53.3.31-906	L
4 "	101,6 mm	E53.3.31-907	L

PMP (TPX)

sheet, transparent, slight blue

thickness	= ca thickness	format	ca weight	article number	article status
3/8 "	9,5 mm	480 x 480 mm		E53.2.32-908	L
1/2 "	12,7 mm	480 x 480 mm		E53.2.32-909	L
1 "	25,4 mm	480 x 480 mm		E53.2.32-910	L
32 mm		600 x 3000 mm	30 kg/m ²	E53.2.32-911	L
50 mm		600 x 3000 mm	45 kg/m ²	E53.2.32-2014	L
80 mm		600 x 3000 mm	71 kg/m ²	E53.2.32-2015	L

COC, cycloolefin copolymer

Copolymers of linear and cyclic olefins are amorphous and transparent. They have low density, are stiff and strong, with heat distortion temperatures variable between 80 and 180 C. They have good resistance to hydrolysis, acids and bases and polar solvents. They are attacked by non-polar solvents. COCs are hydrophobic, absorb little water and have low vapour permeability. The electrical properties are good, with low temperature dependency, high isolation and low loss factor. They have interesting optical properties, with high transparency in visual and near-UV spectra, auspicious refractive index and low birefringence.

COC Topas 8007

Standard grade 8007. We refer to <http://www.topas.com/> for further information on Topas.

**COC Topas 8007
sheet, clear transparent**

thickness	format	article number	article status
10 mm	480 x 480 mm	E96.2.1-1935	L
20 mm	480 x 480 mm	E96.2.1-1936	L

COC Topas 6017

A grade with very high thermal resistance. We refer to <http://www.topas.com/> for further information on Topas.

**COC Topas 6017
sheet, clear transparent**

thickness	format	article number	article status
10 mm	480 x 480 mm	E100.2.1-1995	L
20 mm	480 x 480 mm	E100.2.1-1996	L
30 mm	480 x 480 mm	E100.2.1-1997	L

Catalogue index: F**PTFE, polytetrafluoro ethylene (Teflon)**

PTFE, Teflon, is a crystalline polymer. The melting (gel) point is 327 C and PTFE can be used continuously at 260 C, short term at 300 C. PTFE has excellent electrical properties, with low permittivity and loss factor across a wide temperature and frequency range. It has the lowest friction of all plastics. Apart from good toughness, the mechanical properties are modest, it is not stiff or hard, it has low resistance to creep (cold flows) and poor wear resistance.

PTFE

virgin PTFE standard grade

**PTFE
rod, natural**

Ø	ca weight	length	article number	article status
4 mm		2 m	F54.3.2-912	L
4 h9 mm		2 m	F54.3.2-2438	L
5 mm		2 m	F54.3.2-913	L
5 h9 mm		2 m	F54.3.2-2439	L
6 mm		2 m	F54.3.2-914	L
6 h9 mm		2 m	F54.3.2-2440	L
8 mm		2 m	F54.3.2-915	L
8 h9 mm		2 m	F54.3.2-2441	L
10 mm		2 m	F54.3.2-916	L
10 h9 mm		2 m	F54.3.2-2442	L
12 mm		2 m	F54.3.2-917	L
12 h9 mm		2 m	F54.3.2-2443	L
15 mm		2 m	F54.3.2-918	L
15 h9 mm		2 m	F54.3.2-2444	L
16 mm	0,45 kg/m	2 m	F54.3.2-919	L
16 h9 mm	0,45 kg/m	2 m	F54.3.2-2445	L
18 mm	0,58 kg/m	2 m	F54.3.2-920	L
18 h9 mm	0,58 kg/m	2 m	F54.3.2-2446	L
20 mm	0,77 kg/m	2 m	F54.3.2-921	L
20 h9 mm	0,77 kg/m	2 m	F54.3.2-2447	L
22 mm	0,84 kg/m	2 m	F54.3.2-922	L
25 mm	1,17 kg/m	2 m	F54.3.2-923	L
28 mm	1,43 kg/m	2 m	F54.3.2-924	L
30 mm	1,60 kg/m	2 m	F54.3.2-925	L
32 mm	1,86 kg/m	2 m	F54.3.2-926	L
35 mm	2,2 kg/m	2 m	F54.3.2-927	L
40 mm	2,9 kg/m	2 m	F54.3.2-928	L

45 mm	3,5 kg/m	2 m	F54.3.2-929	L
50 mm	4,5 kg/m	2 m	F54.3.2-930	L
55 mm	5,6 kg/m	2 m	F54.3.2-931	L
60 mm	6,1 kg/m	500 mm	F54.3.2-957	L
65 mm	7,3 kg/m	500 mm	F54.3.2-958	L
70 mm	8,7 kg/m	500 mm	F54.3.2-959	L
80 mm	11 kg/m	500 mm	F54.3.2-960	L
90 mm	15 kg/m	500 mm	F54.3.2-961	L
100 mm	18 kg/m	500 mm	F54.3.2-962	L
110 mm	23 kg/m	500 mm	F54.3.2-963	L
120 mm	26 kg/m	500 mm	F54.3.2-964	L
130 mm	31 kg/m	500 mm	F54.3.2-965	L
140 mm	38 kg/m	500 mm	F54.3.2-966	L
150 mm	41,4 kg/m	500 mm	F54.3.2-2924	L
160 mm	47 kg/m	500 mm	F54.3.2-967	L
166 mm	51 kg/m	300 mm	F54.3.2-968	U
170 mm	53 kg/m	500 mm	F54.3.2-2926	L
180 mm	58 kg/m	500 mm	F54.3.2-2337	L
190 mm	65 kg/m	500 mm	F54.3.2-969	L
200 mm	71,4 kg/m	500 mm	F54.3.2-2925	L
205 mm	74 kg/m	500 mm	F54.3.2-970	B
210 mm	79 kg/m	500 mm	F54.3.2-2927	B
215 mm	87 kg/m	500 mm	F54.3.2-2928	B
230 mm	92,5 kg/m	500 mm	F54.3.2-2929	B
255 mm	133,8 kg/m	500 mm	F54.3.2-2930	B
275 mm	144 kg/m	500 mm	F54.3.2-2931	B
330 mm	186 kg/m	500 mm	F54.3.2-971	L

**PTFE
sheet, natural**

thickness	format	article number	article status
2 mm	1200 x 1200 mm	F54.2.2-2039	L
3 mm	1200 x 1200 mm	F54.2.2-2040	L
4 mm	1200 x 1200 mm	F54.2.2-2041	L
5 mm	1200 x 1200 mm	F54.2.2-2042	L
6 mm	1200 x 1200 mm	F54.2.2-2043	L
8 mm	1200 x 1200 mm	F54.2.2-2044	L
10 mm	1200 x 1200 mm	F54.2.2-2045	L
12 mm	1200 x 1200 mm	F54.2.2-2046	L
16 mm	1200 x 1200 mm	F54.2.2-2047	L
20 mm	1200 x 1200 mm	F54.2.2-2048	L
25 mm	1200 x 1200 mm	F54.2.2-2049	L
30 mm	600 x 600 mm	F54.2.2-2050	L
40 mm	600 x 600 mm	F54.2.2-2051	L
50 mm	600 x 600 mm	F54.2.2-2052	L
70 mm	600 x 600 mm	F54.2.2-2356	L

**PTFE
film, natural**

thickness	roll width	article number	article status
0,05 mm	600 mm	F54.1.2-2479	L
0,1 mm	500/600/1000 mm	F54.1.2-947	L
0,15 mm	500/600/1000 mm	F54.1.2-948	L
0,2 mm	500/600/1000 mm	F54.1.2-949	L
0,25 mm	500/600/1000 mm	F54.1.2-950	L
0,3 mm	500/600/1000 mm	F54.1.2-951	L
0,4 mm	500/600/1000 mm	F54.1.2-952	L
0,5 mm	500/600/1000 mm	F54.1.2-953	L
0,8 mm	500/600/1000 mm	F54.1.2-954	L
1,0 mm	500/600/1000 mm	F54.1.2-955	L
1,5 mm	500/600/1000 mm	F54.1.2-956	L

PTFE**film, one side etched, natural/brown**

thickness	roll width	format	article number	article status
0,5 mm	600 mm		F54.10.17-972	L
1,0 mm	600 mm		F54.10.17-973	L
1,5 mm	600 mm		F54.10.17-974	L
2,0 mm	600 mm		F54.10.17-975	L
3,0 mm		1200 x 1200 mm	F54.10.17-976	L

PTFE**film, one side adhesive, natural**

thickness	roll width	article number	article status
0,10 mm	300 mm	F54.11.2-977	L

PTFE
heavy-wall tube, natural

Ø	ca weight	length	article number	article status
10/6 mm	0,14 kg/m	1,22 m	F54.8.2-983	L
12/6 mm	0,21 kg/m	1,22 m	F54.8.2-984	L
18/12 mm	0,36 kg/m	1,22 m	F54.8.2-985	L
22/10 mm	0,68 kg/m	1,22 m	F54.8.2-986	L
34/20 mm	1,6 kg/m	1,22 m	F54.8.2-2358	L
40/20 mm	2,35 kg/m	1,22 m	F54.8.2-987	L
41/25 mm	1,92 kg/m	1,22 m	F54.8.2-988	L
41/30 mm	1,6 kg/m	1,22 m	F54.8.2-989	L
46/35 mm	1,9 kg/m	1,22 m	F54.8.2-990	L
50/32 mm	2,87 kg/m	1,22 m	F54.8.2-2359	L
50/37 mm	2,81 kg/m	1,22 m	F54.8.2-2360	L
51/40 mm	2,2 kg/m	1,22 m	F54.8.2-991	L
56/40 mm	3,2 kg/m	1,22 m	F54.8.2-992	L
61/45 mm	3,6 kg/m	1,22 m	F54.8.2-993	L
62/30 mm	5,52 kg/m	1,22 m	F54.8.2-2361	L
62/45 mm	4,2 kg/m	300 mm	F54.8.2-994	L
70/40 mm	6,6 kg/m	300 mm	F54.8.2-995	L
71/50 mm	5,0 kg/m	300 mm	F54.8.2-996	L
74/41 mm	8,3 kg/m	200 mm	F54.8.2-997	L
80/50 mm	7,9 kg/m	300 mm	F54.8.2-998	L
81/60 mm	6,4 kg/m	300 mm	F54.8.2-999	L
92/55 mm	10,0 kg/m	300 mm	F54.8.2-1000	L
101/65 mm	12,1 kg/m	300 mm	F54.8.2-1001	L
164/116 mm	43 kg/m	1,22 m	F54.8.2-2362	L
186/151 mm	23,0 kg/m	300 mm	F54.8.2-1002	L
216/155 mm	41,8 kg/m	300 mm	F54.8.2-1003	L

PTFE
thin-wall tube, natural

inner diameter	wall thickness	AWG	article number	article status
0,30 mm	0,15 mm	30 UT	F54.4.2-1004	L
0,38 mm	0,15 mm	28 UT	F54.4.2-1005	L
0,46 mm	0,23 mm	26 T	F54.4.2-1006	L
0,56 mm	0,25 mm	24 T	F54.4.2-1007	L
0,71 mm	0,25 mm	22 T	F54.4.2-1008	L
0,86 mm	0,30 mm	20 T	F54.4.2-1009	L
0,97 mm	0,30 mm	19 T	F54.4.2-1010	L
1,07 mm	0,30 mm	18 T	F54.4.2-1011	L
1,19 mm	0,30 mm	17 T	F54.4.2-1012	L
1,35 mm	0,30 mm	16 T	F54.4.2-1013	L
1,50 mm	0,30 mm	15 T	F54.4.2-1014	L
1,68 mm	0,30 mm	14 T	F54.4.2-1015	L
1,93 mm	0,30 mm	13 T	F54.4.2-1016	L
2,16 mm	0,30 mm	12 T	F54.4.2-1017	L
2,41 mm	0,30 mm	11 T	F54.4.2-1018	L
2,69 mm	0,30 mm	10 T	F54.4.2-1019	L
3,00 mm	0,38 mm	9 T	F54.4.2-1020	L
3,38 mm	0,38 mm	8 T	F54.4.2-1021	L
3,76 mm	0,38 mm	7 T	F54.4.2-1022	L
4,22 mm	0,38 mm	6 T	F54.4.2-1023	L
4,72 mm	0,38 mm	5 T	F54.4.2-1024	L
5,28 mm	0,38 mm	4 T	F54.4.2-1025	L
5,94 mm	0,38 mm	3 T	F54.4.2-1026	L
6,68 mm	0,38 mm	2 T	F54.4.2-1027	L
7,47 mm	0,38 mm	1 T	F54.4.2-1028	L
8,38 mm	0,38 mm	0 T	F54.4.2-1029	L

PTFE GV, woven glass fabric

PTFE reinforced with woven glass fabric.

PTFE GV, woven glass fabric
film, brown

thickness	roll width	article number	article status
0,10 mm	1000 mm	F55.1.4-978	L
0,25 mm	1000 mm	F55.1.4-1943	L

**PTFE GV, woven glass fabric
film, one side adhesive, brown**

thickness	roll width	article number	article status
0,08 mm	1000 mm	F55.11.4-979	L
0,10 mm	1000 mm	F55.11.4-2357	L
0,13 mm	1000 mm	F55.11.4-980	L
0,15 mm	1000 mm	F55.11.4-981	L
0,20 mm	1000 mm	F55.11.4-2423	L
0,25 mm	1000 mm	F55.11.4-982	L

PTFE GF25, with 25% glass fibre

PTFE with 25% glass fibre reinforcement.

**PTFE GF25, with 25% glass fibre
sheet, natural**

thickness	format	ca weight	article number	article status
2 mm	500 x 500 mm	4,7 kg/m ²	F56.2.2-1030	L
3 mm	600 x 600 mm	7 kg/m ²	F56.2.2-1031	L
5 mm	500 x 500 mm	12 kg/m ²	F56.2.2-1032	L
6 mm	500 x 500 mm	14 kg/m ²	F56.2.2-1033	L
8 mm	600 x 600 mm	19 kg/m ²	F56.2.2-1034	L
10 mm	600 x 600 mm	22 kg/m ²	F56.2.2-1035	L
12 mm	600 x 600 mm	28 kg/m ²	F56.2.2-1036	L
16 mm	600 x 600 mm	37 kg/m ²	F56.2.2-1037	L
20 mm	600 x 600 mm	47 kg/m ²	F56.2.2-1038	L
25 mm	500 x 500 mm	59 kg/m ²	F56.2.2-1039	L
30 mm	500 x 500 mm	70 kg/m ²	F56.2.2-1040	L
50 mm	600 x 600 mm	124 kg/m ²	F56.2.2-1041	L

**PTFE GF25, with 25% glass fibre
rod, natural**

Ø	ca weight	length	article number	article status
6 mm		2 m	F56.3.2-1042	L
8 mm		2 m	F56.3.2-1043	L
10 mm	0,16 kg/m	2 m	F56.3.2-1044	L
20 mm	0,75 kg/m	2 m	F56.3.2-1045	L
25 mm	1,2 kg/m	2 m	F56.3.2-1047	L
30 mm	1,7 kg/m	2 m	F56.3.2-1046	L
35 mm	2,2 kg/m	2 m	F56.3.2-1048	L
40 mm	2,9 kg/m	2 m	F56.3.2-1049	L
50 mm	4,6 kg/m	2 m	F56.3.2-1050	L
60 mm	7,4 kg/m	0,25 m	F56.3.2-1051	L
70 mm	9 kg/m	0,25 m	F56.3.2-1052	L
90 mm	15 kg/m	0,25 m	F56.3.2-1053	L
100 mm	18 kg/m	0,25 m	F56.3.2-1054	L

PTFE C25, with coke, antistatic

PTFE filled with 25% carbon black and some graphite, improving wear and rendering antistatic properties.

**PTFE C25, with coke, antistatic
rod, black**

Ø	ca weight	length	article number	article status
8 mm		2 m	F57.3.3-1055	L
10 mm	0,18 kg/m	2 m	F57.3.3-1056	L
12 mm	0,27 kg/m	2 m	F57.3.3-1057	L
15 mm	0,45 kg/m	2 m	F57.3.3-1058	L
20 mm	0,80 kg/m	2 m	F57.3.3-1059	L
25 mm	1,11 kg/m	2 m	F57.3.3-1060	L
30 mm	1,63 kg/m	2 m	F57.3.3-1061	L
40 mm	2,8 kg/m	2 m	F57.3.3-1062	L
50 mm	4,5 kg/m	2 m	F57.3.3-1063	L
60 mm	6,2 kg/m	0,25 m	F57.3.3-1064	L
70 mm	9 kg/m	0,25 m	F57.3.3-1065	L
80 mm	12 kg/m	0,25 m	F57.3.3-1066	L
100 mm	19 kg/m	0,25 m	F57.3.3-1067	L

PTFE C25, with coke, antistatic sheet, black

thickness	format	ca weight	article number	article status
3 mm	600 x 600 mm	6,3 kg/m ²	F57.2.3-1068	L
4 mm	600 x 600 mm	8,4 kg/m ²	F57.2.3-1069	L
6 mm	600 x 600 mm	12,6 kg/m ²	F57.2.3-1070	L
8 mm	600 x 600 mm	16,8 kg/m ²	F57.2.3-1071	L
10 mm	1000 x 1000 mm	22 kg/m ²	F57.2.3-1072	L
15 mm	1000 x 1000 mm	33 kg/m ²	F57.2.3-1073	L
20 mm	1000 x 1000 mm	44 kg/m ²	F57.2.3-1074	L

PTFE BR60, with 60% bronze

compression moulded with 60% bronze filler

PTFE BR60, with 60% bronze rod, bronze

Ø	ca weight	article number	article status
25 mm	0,9 kg/pc	F112.3.113-2451	L
40 mm	2,3 kg/pc	F112.3.113-2452	L
60 mm	5,2 kg/pc	F112.3.113-2453	L

PTFE mica (Fluorosint 500)

PTFE with chemically bonded synthetic mica. Much improved load capacity and lowered thermal expansion rate.

PTFE mica (Fluorosint 500) rod, ivory

Ø	= F ca	length	article number	article status
1/2 "	12,7 mm	1,22 m	F119.3.120-3457	L
3/4 "	19,05 mm	1,22 m	F119.3.120-3458	B
1 "	25,4 mm	1,22 m	F119.3.120-3459	B
1 1/4 "	31,75 mm	1,22 m	F119.3.120-3460	B
1 1/2 "	38,1 mm	305 mm	F119.3.120-3461	B
1 3/4 "	44,45 mm	305 mm	F119.3.120-3462	B
2 "	50,8 mm	305 mm	F119.3.120-3463	B
2 1/2 "	63,5 mm	305 mm	F119.3.120-3464	B

**PTFE mica (Fluorosint 500)
sheet, ivory**

thickness	= ca thickness	format	article number	article status
1/4 "	6,35 mm	305 x 305 mm	F119.2.120-3465	B
3/8 "	9,53 mm	305 x 305 mm	F119.2.120-3466	B
1/2 "	12,7 mm	305 x 305 mm	F119.2.120-3467	B
3/4 "	19,05 mm	305 x 305 mm	F119.2.120-3468	B
1 "	25,4 mm	305 x 305 mm	F119.2.120-3469	B
1 1/2 "	38,1 mm	305 x 305 mm	F119.2.120-3470	B
2 "	50,8 mm	305 x 305 mm	F119.2.120-3471	B

**PTFE mica (Fluorosint 500)
heavy-wall tube, ivory**

outer diameter	inner diameter	= F ca	length	article number	article status
1 1/4 "	3/4 "	31,75/19,05 mm	305 mm	F119.8.120- 3472	L
3 "	1 1/2 "	76,2/38,1 mm	305 mm	F119.8.120- 3473	L
3 1/4 "	2 "	82,55/50,8 mm	305 mm	F119.8.120- 3474	L
9 1/2 "	8 1/2 "	241,3/215,9 mm	305 mm	F119.8.120- 3475	L

ETFE, poly(ethylene-tetrafluoroethylene)

Copolymerisation of tetrafluoroethylene with ethylene, usually in a 1 to 1 ratio, renders a tough material with a reduction of thermal and mechanical properties. The melting point is ca 265 C, continuous service temperature ca 150 C, and the density as low as 1,75 g/cm³. ETFE has significantly lower oxygen index than other fluoroplastics.

ETFE

standard ETFE, produced under Tefzel trade name.

ETFE**rod, natural**

Ø	= F ca	ca weight	article number	article status
10 mm		0,14 kg/m	F58.3.2-1075	L
15 mm		0,32 kg/m	F58.3.2-1076	L
20 mm		0,56 kg/m	F58.3.2-1077	L
7/8 "	22,2 mm	0,68 kg/m	F58.3.2-2275	L
30 mm		1,3 kg/m	F58.3.2-1078	L
1 1/4 "	31,75 mm	1,4 kg/m	F58.3.2-2421	L
1 1/2 "	38,1 mm	2,0 kg/m	F58.3.2-3114	L
40 mm		2,1 kg/m	F58.3.2-1079	L
50 mm		3,5 kg/m	F58.3.2-1080	L
2 1/2 "	63,5 mm	5,84 kg/m	F58.3.2-1944	L
80 mm		8,8 kg/m	F58.3.2-1081	L

ETFE**sheet, natural**

thickness	format	ca weight	article number	article status
8 mm	300 x 3000 mm	16 kg/m ²	F58.2.2-1082	L
10 mm	300 x 3000 mm	20 kg/m ²	F58.2.2-1083	L
16 mm	300 x 3000 mm	32 kg/m ²	F58.2.2-1084	L
20 mm	300 x 3000 mm	40 kg/m ²	F58.2.2-1085	L
25 mm	300 x 3000 mm	50 kg/m ²	F58.2.2-1086	L

ECTFE, poly(ethylene-chlorotrifluoroethylene)

Compomers of chloro trifluoroethylene and ethylene (normally 1:1) give a good balance of properties and a wide use spectrum. The melting point of ECTFE is ca 240 C and the continuous service temperature is from cryogenic to 150-170 C. ECTFE has somewhat less spectacular properties than PCTFE, but i.e. dielectric constant and loss factor are lower and less frequency dependent. The resistance to UV and other energetic radiation is very good.

ECTFE

standard grade is Halar 600.

**ECTFE
rod, natural**

Ø	length	article number	article status
1/2 "	1,22 m	F59.3.2-1087	L
1 "	1,22 m	F59.3.2-1088	L
1 1/2 "	1,22 m	F59.3.2-1089	L
2 "	1,22 m	F59.3.2-1090	L
3 "	1,22 m	F59.3.2-1091	L
4 "	1,22 m	F59.3.2-1092	L
5 "	1,22 m	F59.3.2-1093	L
6 "	1,22 m	F59.3.2-1094	L

PCTFE, polychlorotrifluoroethylene

PCTFE has very good mechanical properties, e.g. compression and creep strength with little deformation under load. The melting point and maximum service temperature are lower than for some other fluoroplastics, but the mechanical properties are unchanged even at cryogenic temperatures. PCTFE has exceptional barrier properties and the lowest permeability for water vapour of all plastics. It is attacked only by a few halogenated hydrocarbons and aromatic solvents.

PCTFE

Formerly known under the deceased KEL-F tradename, the standard grade is Neoflon 400.

**PCTFE
rod, natural**

Ø	= F ca	article number	article status
1/8 "	3,18 mm	F60.3.2-1095	L
5/32 "	3,97 mm	F60.3.2-1096	L
3/16 "	4,76 mm	F60.3.2-1097	L
7/32 "	5,55 mm	F60.3.2-1098	L
1/4 "	6,35 mm	F60.3.2-1099	L
9/32 "	7,14 mm	F60.3.2-1100	L
5/16 "	7,95 mm	F60.3.2-1101	L
3/8 "	9,53 mm	F60.3.2-1102	L
7/16 "	11,1 mm	F60.3.2-1103	L
1/2 "	12,7 mm	F60.3.2-1104	L
9/16 "	14,3 mm	F60.3.2-1105	L
5/8 "	15,9 mm	F60.3.2-1106	L
3/4 "	19,0 mm	F60.3.2-1107	L
7/8 "	22,2 mm	F60.3.2-1108	L
1 "	25,4 mm	F60.3.2-1109	L
1 1/8 "	28,6 mm	F60.3.2-1110	L
1 1/4 "	31,8 mm	F60.3.2-1111	L
1 1/2 "	38,1 mm	F60.3.2-1112	L
2 "	50,8 mm	F60.3.2-1113	L

**PCTFE
sheet, natural**

thickness	= ca thickness	article number	article status
1/32 "	0,8 mm	F60.2.2-1114	L
1/16 "	1,59 mm	F60.2.2-1115	L
7/64 "	2,78 mm	F60.2.2-1116	L
1/8 "	3,18 mm	F60.2.2-1117	L
1/4 "	6,35 mm	F60.2.2-1118	L
5/8 "	15,9 mm	F60.2.2-1119	L

FEP, poly(hexafluoropropylene-tetrafluoroethylene)

Copolymerisation of tetrafluoroethylene with hexafluoropropylene (typically 25%) lowers the crystallinity (density ca 2,15 g/cm³) and renders a material with melting point at 260-290 C which can be conventionally melt processed. FEP can be used continuously at 200 C. The permeability for gases (e.g. nitrogen and oxygen) is high, and resistance to UV and ozone excellent. FEP has high transparency for visible and UV light and very low refractive index.

FEP

Available in rods.

**FEP
rod, natural**

Ø	= F ca	article number	article status
3/8 "	9,52 mm	F61.3.2-1120	L
1 "	25,4 mm	F61.3.2-1121	L
2 "	50,8 mm	F61.3.2-1122	L

PFA, poly(tetrafluoro ethylene-perfluoroalkylvinylether)

Copolymerisation of tetrafluoroethylene with minor amounts of perfluoroalkylvinyl ether produces a melt-processable material with melting point around 305 C and density 2,1-2,2 g/cm³. Continuous service temperature is 260 C, higher than that of FEP. PFA also has better mechanical properties than FEP, especially at elevated temperatures. The chemical resistance is as excellent as that of PTFE. Permeability to vapour and gases is high.

PFA

PFA is available in rods.

**PFA
rod, natural**

Ø	= F ca	article number	article status
5/8 "	15,9 mm	F62.3.2-1123	L
1 "	25,4 mm	F62.3.2-1124	L
1 3/4 "	44,4 mm	F62.3.2-1125	L

PVDF, polyvinylidene flouride

PVDF is highly crystalline with high molecular weight. The melting point as low as 168-178 C and top continuous service temperature is ca 135 C, short term 150 C. PVDF has very good mechanical properties, tensile and creep strength, resistance to wear etc. The chemical resistance is also very good, as is the weatherability. PVDF is highly polar and has high dielectric constant and loss factor.

PVDF

standard grades of Kynar and Solef.

**PVDF
rod, natural**

Ø	ca weight	article number	article status
10 mm	0,15 kg/m	F63.3.2-1126	L
15 mm	0,38 kg/m	F63.3.2-1127	L
16 mm	0,38 kg/m	F63.3.2-2418	L
20 mm	0,58 kg/m	F63.3.2-1128	L
25 mm	0,91 kg/m	F63.3.2-1129	L
30 mm	1,3 kg/m	F63.3.2-1130	L
36 mm	1,9 kg/m	F63.3.2-3429	B
40 mm	2,3 kg/m	F63.3.2-1131	L
45 mm	3,0 kg/m	F63.3.2-3430	B
50 mm	3,6 kg/m	F63.3.2-1132	L
60 mm	5,2 kg/m	F63.3.2-1133	L
70 mm	7,1 kg/m	F63.3.2-3431	B
80 mm	9,2 kg/m	F63.3.2-1134	L
90 mm	11,6 kg/m	F63.3.2-1135	L
100 mm	14,4 kg/m	F63.3.2-1136	L
110 mm	17,5 kg/m	F63.3.2-1137	L
120 mm	21,2 kg/m	F63.3.2-3432	B
125 mm	22,5 kg/m	F63.3.2-1138	L
150 mm	34 kg/m	F63.3.2-1139	L
165 mm	40 kg/m	F63.3.2-1140	L
180 mm	47,6 kg/m	F63.3.2-3433	B
200 mm	58,7 kg/m	F63.3.2-3434	B
250 mm	91,5 kg/m	F63.3.2-3435	B

**PVDF
film, natural**

thickness	= ca thickness	roll width	article number	article status
0,005 "	0,127 mm	610 mm	F63.1.2-1141	L
0,01 "	0,25 mm	610 mm	F63.1.2-1142	L
0,02 "	0,5 mm	610 mm	F63.1.2-1143	L

**PVDF
sheet, natural**

thickness	format	ca weight	article number	article status
1 mm	1000 x 2000 mm	1,85 kg/m ²	F63.2.2-1945	L
2 mm	1000 x 2000 mm	3,98 kg/m ²	F63.2.2-3412	L
3 mm	1000 x 2000 mm	5,73 kg/m ²	F63.2.2-3413	L
4 mm	1000 x 2000 mm	7,41 kg/m ²	F63.2.2-3414	L
5 mm	1000 x 2000 mm	9,26 kg/m ²	F63.2.2-3415	L
6 mm	1000 x 2000 mm	11,1 kg/m ²	F63.2.2-2002	L
10 mm	600 x 3000 mm	19,3 kg/m ²	F63.2.2-1146	L
12 mm	600 x 3000 mm	23,9 kg/m ²	F63.2.2-3416	L
15 mm	600 x 3000 mm	30,0 kg/m ²	F63.2.2-1147	L
20 mm	600 x 3000 mm	38,3 kg/m ²	F63.2.2-1148	L
25 mm	600 x 3000 mm	48,0 kg/m ²	F63.2.2-1149	L
30 mm	600 x 3000 mm	57,7 kg/m ²	F63.2.2-1150	L
40 mm	600 x 3000 mm	77,9 kg/m ²	F63.2.2-3417	L
50 mm	600 x 3000 mm	100 kg/m ²	F63.2.2-1151	L
60 mm	600 x 3000 mm	114 kg/m ²	F63.2.2-1152	L
80 mm	600 x 1000 mm	160 kg/m ²	F63.2.2-2364	L
100 mm	600 x 1000 mm	200 kg/m ²	F63.2.2-1153	L

**PVDF
rod, black**

Ø	ca weight	article number	article status
20 mm	0,58 kg/m	F63.3.3-2363	L

Catalogue index: G**PMMA, polymethyl methacrylate (Plexiglas)**

PMMA has high clarity, surface hardness and dimensional stability, excellent weatherability and chemical resistance. It can be polished to high gloss. Normal light transmission is at 92%, like glass. PMMA is rather brittle and is often copolymerised to increase toughness. The maximum service temperature is only 80-90 C.

PMMA G

Cast PMMA has higher molecular weights and superior mechanical and optical properties.

**PMMA G
tubes, clear transparent**

Ø	article number	article status
25/19 mm	G64.9.1-1246	L
30/22 mm	G64.9.1-1247	L
50/30 mm	G64.9.1-3213	L
50/34 mm	G64.9.1-2274	L
50/38 mm	G64.9.1-3212	B
50/40 mm	G64.9.1-1248	L
50/42 mm	G64.9.1-1249	L
50/44 mm	G64.9.1-1953	L
60/40 mm	G64.9.1-3218	B
60/44 mm	G64.9.1-3217	B
60/48 mm	G64.9.1-3216	B
60/50 mm	G64.9.1-1250	L
60/52 mm	G64.9.1-3215	B
60/54 mm	G64.9.1-3214	B
70/50 mm	G64.9.1-3219	L
70/54 mm	G64.9.1-3220	B
70/58 mm	G64.9.1-3221	B
70/60 mm	G64.9.1-1251	L
70/62 mm	G64.9.1-3222	B
70/64 mm	G64.9.1-3223	B
80/60 mm	G64.9.1-3224	L
80/64 mm	G64.9.1-3225	L
80/68 mm	G64.9.1-3226	B
80/70 mm	G64.9.1-1252	L
80/72 mm	G64.9.1-3227	B
80/74 mm	G64.9.1-3228	B
90/70 mm	G64.9.1-3229	L
90/74 mm	G64.9.1-3230	B

90/78 mm	G64.9.1-3231	B
90/80 mm	G64.9.1-1253	L
90/82 mm	G64.9.1-3232	B
90/84 mm	G64.9.1-3233	B
100/70 mm	G64.9.1-3234	B
100/76 mm	G64.9.1-3235	B
100/80 mm	G64.9.1-3236	L
100/84 mm	G64.9.1-3237	B
100/88 mm	G64.9.1-3238	B
100/90 mm	G64.9.1-1254	L
100/92 mm	G64.9.1-3239	B
100/94 mm	G64.9.1-3240	B
110/80 mm	G64.9.1-3241	B
110/86 mm	G64.9.1-3242	B
110/90 mm	G64.9.1-3243	L
110/94 mm	G64.9.1-3244	B
110/98 mm	G64.9.1-3245	B
110/100 mm	G64.9.1-1255	L
110/102 mm	G64.9.1-3246	B
110/104 mm	G64.9.1-3247	B
120/90 mm	G64.9.1-3248	B
120/96 mm	G64.9.1-3249	B
120/100 mm	G64.9.1-3250	L
120/104 mm	G64.9.1-3251	B
120/108 mm	G64.9.1-3252	B
120/110 mm	G64.9.1-1256	L
120/112 mm	G64.9.1-3253	B
120/114 mm	G64.9.1-1257	L
125/95 mm	G64.9.1-3254	B
125/101 mm	G64.9.1-3255	B
125/105 mm	G64.9.1-3256	L
125/109 mm	G64.9.1-3257	B
125/113 mm	G64.9.1-3258	B
125/115 mm	G64.9.1-1954	L
125/117 mm	G64.9.1-3259	B
125/119 mm	G64.9.1-3260	B
133/127 mm	G64.9.1-1258	L
134/104 mm	G64.9.1-3261	B
134/110 mm	G64.9.1-3262	B
134/114 mm	G64.9.1-3263	L
134/118 mm	G64.9.1-3264	B
134/122 mm	G64.9.1-3265	B

134/124 mm	G64.9.1-1955	L
134/126 mm	G64.9.1-3266	B
134/128 mm	G64.9.1-3267	B
139/109 mm	G64.9.1-3268	B
139/115 mm	G64.9.1-3269	B
139/119 mm	G64.9.1-3270	B
139/123 mm	G64.9.1-3271	B
139/127 mm	G64.9.1-3272	B
139/129 mm	G64.9.1-3273	B
139/131 mm	G64.9.1-3274	B
139/133 mm	G64.9.1-3275	B
150/120 mm	G64.9.1-3276	B
150/126 mm	G64.9.1-3277	B
150/130 mm	G64.9.1-3278	L
150/134 mm	G64.9.1-3279	B
150/138 mm	G64.9.1-3280	B
150/140 mm	G64.9.1-1259	L
150/142 mm	G64.9.1-1260	L
150/144 mm	G64.9.1-1261	L
160/130 mm	G64.9.1-3281	B
160/136 mm	G64.9.1-3282	B
160/140 mm	G64.9.1-3283	L
160/144 mm	G64.9.1-3284	B
160/148 mm	G64.9.1-3285	B
160/150 mm	G64.9.1-3286	L
160/152 mm	G64.9.1-3287	B
160/154 mm	G64.9.1-3288	B
185/155 mm	G64.9.1-3289	B
185/161 mm	G64.9.1-3290	B
185/165 mm	G64.9.1-3291	L
185/169 mm	G64.9.1-3292	B
185/173 mm	G64.9.1-3293	B
185/175 mm	G64.9.1-3294	L
185/177 mm	G64.9.1-3295	B
185/179 mm	G64.9.1-3296	B
200/170 mm	G64.9.1-3297	B
200/176 mm	G64.9.1-3298	B
200/180 mm	G64.9.1-3299	L
200/184 mm	G64.9.1-3300	B
200/188 mm	G64.9.1-3301	B
200/190 mm	G64.9.1-1262	L
200/192 mm	G64.9.1-3302	B

200/194 mm	G64.9.1-1956	L
220/190 mm	G64.9.1-3303	B
220/196 mm	G64.9.1-3304	B
220/200 mm	G64.9.1-3305	L
220/204 mm	G64.9.1-3306	B
220/208 mm	G64.9.1-3307	B
220/210 mm	G64.9.1-3308	L
220/212 mm	G64.9.1-3309	B
220/214 mm	G64.9.1-3310	B
240/210 mm	G64.9.1-3311	B
240/216 mm	G64.9.1-3312	B
240/220 mm	G64.9.1-3313	L
240/224 mm	G64.9.1-3314	B
240/228 mm	G64.9.1-3315	B
240/230 mm	G64.9.1-2024	L
240/232 mm	G64.9.1-3316	B
240/234 mm	G64.9.1-3317	B
250/220 mm	G64.9.1-3318	B
250/226 mm	G64.9.1-3319	B
250/230 mm	G64.9.1-3320	L
250/234 mm	G64.9.1-3321	B
250/238 mm	G64.9.1-3322	B
250/240 mm	G64.9.1-2545	L
250/242 mm	G64.9.1-3323	B
250/244 mm	G64.9.1-3324	B
300/270 mm	G64.9.1-3325	B
300/276 mm	G64.9.1-3326	B
300/280 mm	G64.9.1-3327	L
300/284 mm	G64.9.1-3328	B
300/288 mm	G64.9.1-3329	B
300/290 mm	G64.9.1-1957	L
300/292 mm	G64.9.1-1263	L
350/320 mm	G64.9.1-3330	B
350/326 mm	G64.9.1-3331	B
350/330 mm	G64.9.1-3332	L
350/334 mm	G64.9.1-3333	B
350/338 mm	G64.9.1-3334	B
350/340 mm	G64.9.1-3335	L
350/342 mm	G64.9.1-3336	B
400/370 mm	G64.9.1-3337	B
400/376 mm	G64.9.1-3338	B
400/380 mm	G64.9.1-3339	L

400/384 mm	G64.9.1-3340	B
400/388 mm	G64.9.1-3341	B
400/390 mm	G64.9.1-3342	L
400/392 mm	G64.9.1-3343	B
457/427 mm	G64.9.1-3344	B
457/433 mm	G64.9.1-3345	B
457/437 mm	G64.9.1-3346	B
457/441 mm	G64.9.1-1264	L
457/445 mm	G64.9.1-3347	B
457/447 mm	G64.9.1-3348	B
457/449 mm	G64.9.1-3349	B
500/480 mm	G64.9.1-3350	L
500/484 mm	G64.9.1-3351	B
500/488 mm	G64.9.1-3352	B
500/490 mm	G64.9.1-3353	L
650/640 mm	G64.9.1-2276	L

PMMA G**heavy-wall tube, clear transparent**

outer diameter	wall thickness	= F ca	article number	article status
8 "	1 "	203/152 mm	G64.8.1-1958	L
10 "	1/2 "	254/228 mm	G64.8.1-1265	L
10 "	1 "	254/203 mm	G64.8.1-1266	L
12 "	1 "	304/254 mm	G64.8.1-1267	L

PMMA G
square rod, clear transparent

format	article number	article status
6 x 6 mm	G64.13.1-3014	B
8 x 8 mm	G64.13.1-1236	L
10 x 10 mm	G64.13.1-1237	L
12 x 12 mm	G64.13.1-1238	L
15 x 15 mm	G64.13.1-1239	L
18 x 18 mm	G64.13.1-3015	B
20 x 20 mm	G64.13.1-1240	L
22 x 22 mm	G64.13.1-3016	B
25 x 25 mm	G64.13.1-1241	L
28 x 28 mm	G64.13.1-3017	B
30 x 30 mm	G64.13.1-1242	L
35 x 35 mm	G64.13.1-3018	B
40 x 40 mm	G64.13.1-1243	L
45 x 45 mm	G64.13.1-3019	B
50 x 50 mm	G64.13.1-1244	L
55 x 55 mm	G64.13.1-3020	B
60 x 60 mm	G64.13.1-1245	L
65 x 65 mm	G64.13.1-3021	B
70 x 70 mm	G64.13.1-3022	B
75 x 75 mm	G64.13.1-3023	B
80 x 80 mm	G64.13.1-3024	B
85 x 85 mm	G64.13.1-3025	B
90 x 90 mm	G64.13.1-3026	B
95 x 95 mm	G64.13.1-3027	B
100 x 100 mm	G64.13.1-3028	B
110 x 110 mm	G64.13.1-3029	B
120 x 120 mm	G64.13.1-3030	B
130 x 130 mm	G64.13.1-3031	B
140 x 140 mm	G64.13.1-3032	B
150 x 150 mm	G64.13.1-3033	B
160 x 160 mm	G64.13.1-3034	B
170 x 170 mm	G64.13.1-3035	B
180 x 180 mm	G64.13.1-3036	B
190 x 190 mm	G64.13.1-3037	B
200 x 200 mm	G64.13.1-3038	B

PMMA G**hexagonal rod, clear transparent**

key width	length	article number	article status
20 mm	2 m	G64.15.1-3195	B
25 mm	2 m	G64.15.1-3196	B
30 mm	2 m	G64.15.1-3197	B
35 mm	2 m	G64.15.1-3198	B
40 mm	2 m	G64.15.1-3199	B
45 mm	2 m	G64.15.1-3200	B
50 mm	2 m	G64.15.1-3201	B
55 mm	2 m	G64.15.1-3202	B
60 mm	2 m	G64.15.1-3203	B
65 mm	2 m	G64.15.1-3204	B
70 mm	2 m	G64.15.1-3205	B
75 mm	2 m	G64.15.1-3206	B
80 mm	2 m	G64.15.1-3207	B

PMMA G**octagonal rod, clear transparent**

key width	length	article number	article status
20 mm	2 m	G64.22.1-3153	B
25 mm	2 m	G64.22.1-3183	B
30 mm	2 m	G64.22.1-3184	B
35 mm	2 m	G64.22.1-3185	B
40 mm	2 m	G64.22.1-3186	B
45 mm	2 m	G64.22.1-3187	B
50 mm	2 m	G64.22.1-3188	B
55 mm	2 m	G64.22.1-3189	B
60 mm	2 m	G64.22.1-3190	B
65 mm	2 m	G64.22.1-3191	B
70 mm	2 m	G64.22.1-3192	B
75 mm	2 m	G64.22.1-3193	B
80 mm	2 m	G64.22.1-3194	B

PMMA G
half round rod, clear transparent

Ø	length	article number	article status
15 mm	2 m	G64.21.1-3152	B
16 mm	2 m	G64.21.1-3160	B
17 mm	2 m	G64.21.1-3161	B
18 mm	2 m	G64.21.1-3162	B
19 mm	2 m	G64.21.1-3163	B
20 mm	2 m	G64.21.1-3164	B
21 mm	2 m	G64.21.1-3165	B
22 mm	2 m	G64.21.1-3166	B
23 mm	2 m	G64.21.1-3167	B
24 mm	2 m	G64.21.1-3168	B
25 mm	2 m	G64.21.1-3169	B
26 mm	2 m	G64.21.1-3170	B
27 mm	2 m	G64.21.1-3171	B
28 mm	2 m	G64.21.1-3172	B
30 mm	2 m	G64.21.1-3173	B
32 mm	2 m	G64.21.1-3174	B
35 mm	2 m	G64.21.1-3175	B
36 mm	2 m	G64.21.1-3176	B
38 mm	2 m	G64.21.1-3177	B
40 mm	2 m	G64.21.1-3178	B
45 mm	2 m	G64.21.1-3179	B
50 mm	2 m	G64.21.1-3180	B
55 mm	2 m	G64.21.1-3181	B
60 mm	2 m	G64.21.1-3182	B

PMMA G
 rod, clear transparent

Ø	= F ca	length	article number	article status
2 mm		1 m	G64.3.1-1197	L
3 mm		1 m	G64.3.1-1198	L
4 mm		1 m	G64.3.1-1199	L
5 mm		1 m	G64.3.1-1200	L
6 mm		2 m	G64.3.1-1201	L
7 mm		2 m	G64.3.1-2987	B
8 mm		2 m	G64.3.1-1202	L
9 mm		2 m	G64.3.1-2988	B
10 mm		2 m	G64.3.1-1203	L
11 mm		2 m	G64.3.1-2989	B
12 mm		2 m	G64.3.1-1204	L
13 mm		2 m	G64.3.1-2990	B
14 mm		2 m	G64.3.1-2991	B
15 mm		2 m	G64.3.1-1205	L
16 mm		2 m	G64.3.1-2992	B
17 mm		2 m	G64.3.1-2993	B
18 mm		2 m	G64.3.1-2994	L
19 mm		2 m	G64.3.1-2995	B
20 mm		2 m	G64.3.1-1206	L
21 mm		2 m	G64.3.1-2996	B
22 mm		2 m	G64.3.1-1207	L
23 mm		2 m	G64.3.1-2997	B
24 mm		2 m	G64.3.1-2998	B
25 mm		2 m	G64.3.1-1208	L
26 mm		2 m	G64.3.1-2999	B
27 mm		2 m	G64.3.1-3000	B
28 mm	unpolished	2,4 m	G64.3.1-2502	L
28 mm		2 m	G64.3.1-3001	B
30 mm		2 m	G64.3.1-1209	L
32 mm	unpolished	2,4 m	G64.3.1-2503	L
32 mm		2 m	G64.3.1-3002	B
35 mm		2 m	G64.3.1-1210	L
36 mm		2 m	G64.3.1-3003	B
38 mm	unpolished	2,4 m	G64.3.1-2504	L
38 mm		2 m	G64.3.1-3004	B
40 mm		2 m	G64.3.1-1211	L
42 mm	unpolished	2,4 m	G64.3.1-2505	L

44 mm	unpolished	2,4 m	G64.3.1-2506	L
45 mm		2 m	G64.3.1-1212	L
50 mm		2 m	G64.3.1-1213	L
55 mm		2 m	G64.3.1-3005	B
57 mm	unpolished	2,4 m	G64.3.1-2507	L
60 mm		2 m	G64.3.1-1214	L
65 mm		2 m	G64.3.1-3006	B
70 mm		2 m	G64.3.1-1215	L
75 mm		2 m	G64.3.1-3007	B
80 mm		2 m	G64.3.1-1216	L
85 mm		2 m	G64.3.1-3008	B
3 1/2 "	89 mm	1,22 m	G64.3.1-1225	L
90 mm		2 m	G64.3.1-1217	L
95 mm		2 m	G64.3.1-3009	B
100 mm		2 m	G64.3.1-1218	L
4 "	101 mm	1,22 m	G64.3.1-1226	L
110 mm		1 m	G64.3.1-1219	L
4 1/2 "	114 mm	1,22 m	G64.3.1-1227	L
120 mm		1 m	G64.3.1-1220	L
130 mm		1 m	G64.3.1-1221	L
140 mm		1 m	G64.3.1-1222	L
150 mm		1 m	G64.3.1-1223	L
6 "	152 mm	1,22 m	G64.3.1-1959	L
160 mm		1 m	G64.3.1-3010	L
170 mm		1 m	G64.3.1-1224	L
7 "	178 mm	1,22 m	G64.3.1-1228	L
180 mm		1 m	G64.3.1-3011	L
190 mm		1 m	G64.3.1-3012	L
7 1/2 "	190 mm	1,22 m	G64.3.1-1229	L
200 mm		1 m	G64.3.1-3013	L
9 "	220 mm	1,22 m	G64.3.1-1230	L
10 "	254 mm	1,22 m	G64.3.1-1231	L

**PMMA G
rod, black**

\emptyset	length	article number	article status
3 mm	1 m	G64.3.3-2134	L
5 mm	1 m	G64.3.3-2135	L
8 mm	1 m	G64.3.3-2390	L
10 mm	2 m	G64.3.3-2136	L
50 mm	2 m	G64.3.3-2137	L

**PMMA G
rod, opal white**

\emptyset	length	article number	article status
20 mm	2 m	G64.3.24-2138	L

**PMMA G
rod, white**

\emptyset	length	article number	article status
25 mm	2 m	G64.3.11-2139	L

**PMMA G
rod, ruby red**

\emptyset	length	article number	article status
19 mm	1,2 m	G64.3.37-2140	L

**PMMA G
rod, orange transparent**

\emptyset	length	article number	article status
30 mm	2 m	G64.3.38-2141	L

**PMMA G
rod, red transparent**

\emptyset	length	article number	article status
10 mm	1 m	G64.3.39-2142	L

**PMMA G
rod, green transparent**

\emptyset	length	article number	article status
6 mm	1 m	G64.3.40-2143	L
30 mm	2 m	G64.3.40-2144	L

PMMA G
rod, ivory transparent

Ø	length	article number	article status
8 mm	1 m	G64.3.41-2145	L

PMMA G
rod, very light blue transparent

Ø	length	article number	article status
11 mm	1 m	G64.3.42-2146	L
25 mm	1 m	G64.3.42-2147	L

PMMA G
rod, orange fluorescent

Ø	length	article number	article status
30 mm	1 m	G64.3.43-2148	L

PMMA G
rod, yellow fluorescent

Ø	length	article number	article status
20 mm	1,2 m	G64.3.44-2149	L
30 mm	1 m	G64.3.44-2150	L

PMMA G
rod, green fluorescent

Ø	length	article number	article status
30 mm	1 m	G64.3.45-2151	L

PMMA G
sheet, clear transparent, Röhm GS 233

thickness	format	article number	article status
2 mm	1200 x 2030 mm	G64.2.71-2196	L
3 mm	1525 x 2030 mm	G64.2.71-2197	L
4 mm	1525 x 2030 mm	G64.2.71-2198	L
5 mm	1525 x 2030 mm	G64.2.71-2199	L
6 mm	1525 x 2030 mm	G64.2.71-2200	L
8 mm	1525 x 2030 mm	G64.2.71-2201	L
10 mm	1525 x 2030 mm	G64.2.71-2202	L
12 mm	1525 x 2030 mm	G64.2.71-2203	L
15 mm	1525 x 2030 mm	G64.2.71-2204	L
20 mm	1525 x 2030 mm	G64.2.71-2205	L
25 mm	1525 x 2030 mm	G64.2.71-2206	L

PMMA G
sheet, clear transparent, Röhm GS 222

thickness	format	article number	article status
30 mm	1500 x 2000 mm	G64.2.72-2207	L
35 mm	1500 x 2000 mm	G64.2.72-2208	L
40 mm	1500 x 2000 mm	G64.2.72-2209	L
50 mm	1200 x 2000 mm	G64.2.72-2210	L
60 mm	1000 x 1200 mm	G64.2.72-2211	L
70 mm	1000 x 1200 mm	G64.2.72-2212	L
80 mm	1000 x 1200 mm	G64.2.72-2213	L
90 mm	1000 x 1000 mm	G64.2.72-2214	L
100 mm	1000 x 1000 mm	G64.2.72-2215	L
110 mm	1000 x 1000 mm	G64.2.72-2216	L
120 mm	1000 x 1000 mm	G64.2.72-2217	L
150 mm	1000 x 1000 mm	G64.2.72-2218	L
180 mm	1000 x 1000 mm	G64.2.72-2219	L

PMMA G
sheet, satin one side matt, Röhm OF00SC

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.46-2152	L

PMMA G
sheet, satin double side matt, Röhм OF00DC

thickness	format	article number	article status
4 mm	1525 x 2030 mm	G64.2.47-2153	L
5 mm	1525 x 2030 mm	G64.2.47-2543	L
10 mm	1525 x 2030 mm	G64.2.47-2544	L

PMMA G
sheet, satin ice green double side matt, Röhм 6C03 DC

thickness	format	article number	article status
3 mm	1520 x 2030 mm	G64.2.107-2432	L

PMMA G
sheet, satin snow white double side matt, Röhм WH10 DC

thickness	format	article number	article status
3 mm	1520 x 2030 mm	G64.2.108-2433	L

PMMA G
sheet, satin strawberry red double side matt, Röhм 3C04DC

thickness	format	article number	article status
4 mm	1525 x 2030 mm	G64.2.109-2434	L

PMMA G
sheet, orange fluorescent transparent, Röhм 2465

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.49-2155	L

PMMA G
sheet, red fluorescent transparent, Röhм 2466

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.51-2157	L

PMMA G
sheet, green fluorescent transparent, Röhм 2498

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.50-2156	L

PMMA G
sheet, creme translucent, Röhm 316

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.52-2158	L

PMMA G
sheet, brown transparent, Röhm 400

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.57-2166	L

PMMA G
sheet, orange translucent, Röhm 410

thickness	format	article number	article status
3 mm	1520 x 2030 mm	G64.2.115-2481	L

PMMA G
sheet, orange transparent, Röhm 478

thickness	format	article number	article status
3 mm	1520 x 2030 mm	G64.2.116-2482	L

PMMA G
sheet, red transparent, Röhm 501

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.58-2167	L

PMMA G
sheet, red transparent, Röhm 502

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.59-2168	L

PMMA G
sheet, blue transparent, Röhm 602

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.54-2163	L

PMMA G
sheet, blue transparent, Röhm 625

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.60-2169	L
6 mm	1525 x 2030 mm	G64.2.60-2170	L

PMMA G
sheet, green transparent, Röhm 701

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.56-2165	L

PMMA G
sheet, green translucent, Röhm 703

thickness	format	article number	article status
3 mm	1520 x 2030 mm	G64.2.117-2483	L

PMMA G
sheet, green transparent, Röhm 777

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.55-2164	L
8 mm	1525 x 2030 mm	G64.2.55-2171	L

PMMA G
sheet, umbra transparent, Röhm 802

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.62-2174	L
4 mm	1525 x 2030 mm	G64.2.62-2175	L
8 mm	1525 x 2030 mm	G64.2.62-2176	L
10 mm	1525 x 2030 mm	G64.2.62-2177	L
15 mm	1525 x 2030 mm	G64.2.62-2178	L
20 mm	1525 x 2030 mm	G64.2.62-2179	L

PMMA G
sheet, umbra transparent, Röhm 804

thickness	format	article number	article status
4 mm	1525 x 2030 mm	G64.2.61-2172	L
6 mm	1525 x 2030 mm	G64.2.61-2173	L

PMMA G
sheet, grey transparent, Röhms 807

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.63-2180	L

PMMA G
sheet, grey transparent, Röhms 838

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.53-2159	L
4 mm	1525 x 2030 mm	G64.2.53-2160	L
5 mm	1525 x 2030 mm	G64.2.53-2161	L
8 mm	1525 x 2030 mm	G64.2.53-2162	L

PMMA G
sheet, grey transparent, Röhms 882

thickness	format	article number	article status
3 mm	1520 x 2030 mm	G64.2.114-2480	L

PMMA G
sheet, black opaque, Röhms 811

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.64-2181	L
4 mm	1525 x 2030 mm	G64.2.64-2182	L
5 mm	1525 x 2030 mm	G64.2.64-2183	L
6 mm	1525 x 2030 mm	G64.2.64-2184	L
10 mm	1525 x 2030 mm	G64.2.64-2185	L

PMMA G
sheet, white opaque, Röhms 003

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.65-2186	L
5 mm	1525 x 2030 mm	G64.2.65-2187	L
10 mm	1525 x 2030 mm	G64.2.65-2350	L

PMMA G
sheet, white opal translucent, Röhms 010

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.67-2189	L

PMMA G
sheet, white opal translucent, Röhm 017

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.66-2188	L

PMMA G
sheet, white opal translucent, Röhm 072

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.68-2190	L
4 mm	1525 x 2030 mm	G64.2.68-2191	L
5 mm	1525 x 2030 mm	G64.2.68-2192	L
6 mm	1525 x 2030 mm	G64.2.68-2193	L

PMMA G
sheet, white opal translucent, Repsol 0460

thickness	format	article number	article status
20 mm	1200 x 2000 mm	G64.2.69-2194	L
12 mm	1200 x 2000 mm	G64.2.69-2528	L

PMMA G
sheet, red transparent, Repsol 1180

thickness	format	article number	article status
20 mm	1200 x 2000 mm	G64.2.104-2382	L

PMMA G
sheet, signal red, Repsol 1670

thickness	format	article number	article status
3 mm	1520 x 2030 mm	G64.2.110-2435	L

PMMA G
sheet, blue transparent, Repsol 2130

thickness	format	article number	article status
6 mm	1520 x 2030 mm	G64.2.106-2436	L
8 mm	1520 x 2030 mm	G64.2.106-2425	L

PMMA G
sheet, light grey, Repsol 7560

thickness	format	article number	article status
5 mm	1525 x 2030 mm	G64.2.112-2450	L

PMMA G
sheet, black, Repsol 7990

thickness	format	article number	article status
25 mm	1200 x 2000 mm	G64.2.103-2381	L

PMMA G
sheet, grey transparent, Repsol 8242

thickness	format	article number	article status
10 mm	1500 x 2000 mm	G64.2.70-2431	L
40 mm	1200 x 2000 mm	G64.2.70-2195	L

PMMA G
sheet, cerise, Repsol 9120

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.48-2154	L

PMMA G
sheet, dark grey transparent, Perspex 923

thickness	format	article number	article status
3 mm	1520 x 2030 mm	G64.2.111-2448	L
5 mm	1520 x 2030 mm	G64.2.111-2449	L

PMMA G
sheet, extra tight tolerance, clear transparent, N0000

thickness	format	± tolerance	article number	article status
0,5 mm	850 x 850 mm	<0,2 mm	G64.12.91-1186	L
0,6 mm	850 x 850 mm	<0,2 mm	G64.12.91-2541	L
0,8 mm	850 x 850 mm	<0,2 mm	G64.12.91-2523	L
1,0 mm	850 x 850 mm	<0,2 mm	G64.12.91-1187	L
1,5 mm	850 x 850 mm	<0,2 mm	G64.12.91-1188	L
2,0 mm	850 x 850 mm	<0,2 mm	G64.12.91-1189	L
2,5 mm	850 x 850 mm	<0,2 mm	G64.12.91-2220	L
3,0 mm	850 x 850 mm	<0,2 mm	G64.12.91-1190	L
4,0 mm	850 x 850 mm	<0,2 mm	G64.12.91-1191	L
5,0 mm	850 x 850 mm	<0,2 mm	G64.12.91-2221	L
6,0 mm	850 x 850 mm	<0,2 mm	G64.12.91-3492	L

PMMA G
sheet, extra tight tolerance, clear, strong matt, N00SM

thickness	format	± tolerance	article number	article status
1,5 mm	850 x 850 mm	<0,2 mm	G64.12.92-2259	L

PMMA G
sheet, extra tight tolerance, clear light matt, N00LM

thickness	format	± tolerance	article number	article status
1,0 mm	850 x 850 mm	<0,2 mm	G64.12.93-3493	L
1,5 mm	850 x 850 mm	<0,2 mm	G64.12.93-2260	L
2,0 mm	850 x 850 mm	<0,2 mm	G64.12.93-3494	L

PMMA G
sheet, extra tight tolerance, white, N1821

thickness	format	± tolerance	article number	article status
1,5 mm	850 x 850 mm	<0,2 mm	G64.12.94-2261	L

PMMA G
sheet, extra tight tolerance, white, N1822

thickness	format	± tolerance	article number	article status
1,5 mm	850 x 850 mm	<0,2 mm	G64.12.95-2262	L

PMMA G
sheet, extra tight tolerance, grey transparent, N2711

thickness	format	± tolerance	article number	article status
1,0 mm	850 x 850 mm	<0,2 mm	G64.12.96-2263	L
1,5 mm	850 x 850 mm	<0,2 mm	G64.12.96-2264	L
2,0 mm	850 x 850 mm	<0,2 mm	G64.12.96-2265	L

PMMA G
sheet, extra tight tolerance, light grey transparent, N2911

thickness	format	± tolerance	article number	article status
1,0 mm	850 x 850 mm	<0,2 mm	G64.12.98-3495	L
1,5 mm	850 x 850 mm	<0,2 mm	G64.12.98-3496	L
2,0 mm	850 x 850 mm	<0,2 mm	G64.12.98-2267	L

PMMA G**sheet, extra tight tolerance, light grey transparent, N2921**

thickness	format	± tolerance	article number	article status
3,0 mm	850 x 850 mm	0,1 mm	G64.12.118-2530	L
5,0 mm	850 x 850 mm	0,1 mm	G64.12.118-2531	L
6,0 mm	850 x 850 mm	0,1 mm	G64.12.118-3502	L

PMMA G**sheet, extra tight tolerance, black, N2999**

thickness	format	± tolerance	article number	article status
1,0 mm	850 x 850 mm	<0,2 mm	G64.12.73-1192	L
1,5 mm	850 x 850 mm	<0,2 mm	G64.12.73-1193	L
2,0 mm	850 x 850 mm	<0,2 mm	G64.12.73-1194	L
3,0 mm	850 x 850 mm	<0,2 mm	G64.12.73-1195	L
4,0 mm	850 x 850 mm	<0,2 mm	G64.12.73-1196	L
5,0 mm	850 x 850 mm	<0,2 mm	G64.12.73-2222	L

PMMA G**sheet, extra tight tolerance, blue transparent, N3214**

thickness	format	± tolerance	article number	article status
1,0 mm	850 x 850 mm	<0,2 mm	G64.12.99-3497	L
1,5 mm	850 x 850 mm	<0,2 mm	G64.12.99-3498	L
2,0 mm	850 x 850 mm	<0,2 mm	G64.12.99-2268	L

PMMA G**sheet, extra tight tolerance, green transparent, N4711**

thickness	format	± tolerance	article number	article status
1,5 mm	850 x 850 mm	<0,2 mm	G64.12.97-2266	L

PMMA G**sheet, extra tight tolerance, red transparent, N6400**

thickness	format	± tolerance	article number	article status
1,0 mm	850 x 850 mm	<0,2 mm	G64.12.105-3499	L
1,5 mm	850 x 850 mm	<0,2 mm	G64.12.105-3500	L
2,0 mm	850 x 850 mm	<0,2 mm	G64.12.105-3501	L
3,0 mm	850 x 850 mm	<0,2 mm	G64.12.105-2424	L

PMMA G
sheet, extra tight tolerance, umbra transparent, N7704

thickness	format	± tolerance	article number	article status
3,0 mm	850 x 850 mm	<0,2 mm	G64.12.100-2269	L
4,0 mm	850 x 850 mm	<0,2 mm	G64.12.100-2366	L

PMMA G
sheet, LED green, luminescent, Röhm 2918

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.123-3485	L

PMMA G
sheet, LED yellow, luminescent, Röhm 2919

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.124-3486	L

PMMA G
sheet, LED red, luminescent, Röhm 2920

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.125-3487	L

PMMA G
sheet, LED blue, luminescent, Röhm 2921

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.122-3488	L

PMMA G
sheet, LED white opal, luminescent, Röhm 2923, WH14

thickness	format	article number	article status
3 mm	1525 x 2030 mm	G64.2.121-3489	L

PMMA XT

Extruded PMMA has higher impact strength but lower molecular weight compared to cast shapes. The optical properties as well as mechanical strength, machinability and stress-crack resistance are lower.

**PMMA XT
rod, clear transparent**

Ø	article number	article status
2 mm	G65.3.1-1268	L
3 mm	G65.3.1-1269	L
4 mm	G65.3.1-1270	L
5 mm	G65.3.1-1271	L
6 mm	G65.3.1-1272	L
8 mm	G65.3.1-1273	L
10 mm	G65.3.1-1274	L
15 mm	G65.3.1-1275	L
20 mm	G65.3.1-1276	L
35 mm	G65.3.1-1277	L
40 mm	G65.3.1-1278	L
45 mm	G65.3.1-1279	L
50 mm	G65.3.1-1280	L

**PMMA XT
square rod, clear transparent**

format	article number	article status
2 x 2 mm	G65.13.1-1281	L
3 x 3 mm	G65.13.1-1282	L
4 x 4 mm	G65.13.1-1283	L
5 x 5 mm	G65.13.1-1284	L
9 x 9 mm	G65.13.1-1285	L
10 x 10 mm	G65.13.1-1286	L
12 x 12 mm	G65.13.1-1287	L
15 x 15 mm	G65.13.1-1288	L
20 x 20 mm	G65.13.1-1289	L
25 x 25 mm	G65.13.1-1290	L
30 x 30 mm	G65.13.1-1291	L

PMMA XT
tubes, clear transparent

Ø	article number	article status
5/3 mm	G65.9.1-1292	L
6/3,5 mm	G65.9.1-1293	L
6,5/4 mm	G65.9.1-1294	L
7/5 mm	G65.9.1-1295	L
8/4 mm	G65.9.1-1296	L
10/4 mm	G65.9.1-1297	L
10/6 mm	G65.9.1-1298	L
10/7 mm	G65.9.1-3039	L
10/8 mm	G65.9.1-3040	L
12/6 mm	G65.9.1-1299	L
12/8 mm	G65.9.1-2520	L
12/10 mm	G65.9.1-3041	L
13/9 mm	G65.9.1-1300	L
13/10 mm	G65.9.1-1301	L
14/8 mm	G65.9.1-3042	L
14/10 mm	G65.9.1-3043	L
15/9 mm	G65.9.1-3044	L
15/10 mm	G65.9.1-1302	L
15/11 mm	G65.9.1-1303	L
16/12 mm	G65.9.1-1304	L
18/12 mm	G65.9.1-3045	L
18/14 mm	G65.9.1-3046	L
20/14 mm	G65.9.1-1305	L
20/16 mm	G65.9.1-1306	L
22/16 mm	G65.9.1-1307	L
22/18 mm	G65.9.1-1308	L
24/18 mm	G65.9.1-3047	B
24/20 mm	G65.9.1-3048	B
25/19 mm	G65.9.1-1309	L
25/21 mm	G65.9.1-1310	L
26/20 mm	G65.9.1-3049	B
26/22 mm	G65.9.1-3050	B
28/22 mm	G65.9.1-3051	B
28/24 mm	G65.9.1-3052	B
30/20 mm	G65.9.1-1311	L
30/22 mm	G65.9.1-1312	L
30/24 mm	G65.9.1-1313	L

30/26 mm	G65.9.1-1314	L
32/24 mm	G65.9.1-3053	B
32/26 mm	G65.9.1-1315	L
32/28 mm	G65.9.1-3054	B
34/28 mm	G65.9.1-3055	B
34/30 mm	G65.9.1-3056	B
36/30 mm	G65.9.1-3057	B
36/32 mm	G65.9.1-3058	B
38/32 mm	G65.9.1-3059	B
40/30 mm	G65.9.1-1316	L
40/32 mm	G65.9.1-3060	B
40/34 mm	G65.9.1-1317	L
40/36 mm	G65.9.1-3061	B
44/34 mm	G65.9.1-3062	B
44/36 mm	G65.9.1-3063	B
44/38 mm	G65.9.1-1869	L
45/39 mm	G65.9.1-3064	B
50/40 mm	G65.9.1-1318	L
50/42 mm	G65.9.1-1319	L
50/44 mm	G65.9.1-1320	L
50/46 mm	G65.9.1-1870	L
56/48 mm	G65.9.1-3065	B
56/50 mm	G65.9.1-3066	B
60/50 mm	G65.9.1-1321	L
60/52 mm	G65.9.1-3067	B
60/54 mm	G65.9.1-3068	B
60/56 mm	G65.9.1-1322	L
64/54 mm	G65.9.1-3069	B
64/56 mm	G65.9.1-3070	B
64/58 mm	G65.9.1-3071	B
64/60 mm	G65.9.1-3072	B
70/60 mm	G65.9.1-1323	L
70/62 mm	G65.9.1-1324	L
70/64 mm	G65.9.1-1325	L
70/66 mm	G65.9.1-3073	B
76/66 mm	G65.9.1-3074	B
76/68 mm	G65.9.1-3075	B
76/70 mm	G65.9.1-3076	B
80/70 mm	G65.9.1-1326	L
80/72 mm	G65.9.1-3077	B
80/74 mm	G65.9.1-3078	B
80/76 mm	G65.9.1-3079	B

90/80 mm	G65.9.1-1327	L
90/82 mm	G65.9.1-1328	L
90/84 mm	G65.9.1-1329	L
90/86 mm	G65.9.1-3080	B
100/90 mm	G65.9.1-1330	L
100/92 mm	G65.9.1-1331	L
100/94 mm	G65.9.1-3081	B
100/96 mm	G65.9.1-3082	B
110/100 mm	G65.9.1-1332	L
110/102 mm	G65.9.1-3083	B
110/104 mm	G65.9.1-1333	L
120/110 mm	G65.9.1-1334	L
120/112 mm	G65.9.1-3084	B
120/114 mm	G65.9.1-1335	L
125/115 mm	G65.9.1-3085	B
125/117 mm	G65.9.1-3086	B
125/119 mm	G65.9.1-3087	B
130/120 mm	G65.9.1-3088	B
130/122 mm	G65.9.1-3089	B
130/124 mm	G65.9.1-3090	B
134/124 mm	G65.9.1-3091	B
134/126 mm	G65.9.1-3092	B
134/128 mm	G65.9.1-1336	L
150/140 mm	G65.9.1-1337	L
150/142 mm	G65.9.1-1339	L
150/144 mm	G65.9.1-1338	L
160/150 mm	G65.9.1-3093	B
160/152 mm	G65.9.1-3094	B
160/154 mm	G65.9.1-3095	B
170/160 mm	G65.9.1-3096	B
170/162 mm	G65.9.1-3097	B
170/164 mm	G65.9.1-3098	B
180/170 mm	G65.9.1-3099	B
180/172 mm	G65.9.1-2511	L
180/174 mm	G65.9.1-2524	L
185/175 mm	G65.9.1-3100	B
185/177 mm	G65.9.1-3101	B
185/179 mm	G65.9.1-3102	B
200/190 mm	G65.9.1-1340	L
200/192 mm	G65.9.1-1341	L
200/194 mm	G65.9.1-1342	L
220/210 mm	G65.9.1-3103	B

220/212 mm	G65.9.1-3104	B
220/214 mm	G65.9.1-3105	B
240/230 mm	G65.9.1-3106	B
240/232 mm	G65.9.1-3107	B
240/234 mm	G65.9.1-3108	B
250/240 mm	G65.9.1-1343	L
250/242 mm	G65.9.1-1344	L
250/244 mm	G65.9.1-3109	B
300/288 mm	G65.9.1-3110	B
300/290 mm	G65.9.1-3111	B
300/292 mm	G65.9.1-3112	B

PMMA XT
tubes, frosted, satinized

Ø	article number	article status
40/34 mm	G65.9.30-1871	L
60/54 mm	G65.9.30-1872	L
70/64 mm	G65.9.30-1873	L
80/74 mm	G65.9.30-1874	L
90/84 mm	G65.9.30-1875	L
100/94 mm	G65.9.30-1876	L
110/104 mm	G65.9.30-1877	L
120/114 mm	G65.9.30-1878	L
130/124 mm	G65.9.30-1879	L
150/144 mm	G65.9.30-1880	L
200/194 mm	G65.9.30-1881	L
250/244 mm	G65.9.30-1882	L

Catalogue index: H**PE, polyethylene**

High molecular polyethylene have excellent tribological properties and high impact strength, even at low temperatures. PE does not absorb water and the chemical resistance is excellent. It has good electrical properties, low permittivity and loss and high resistivity. It also withstands high energetic radiation, but not UV. It has modest mechanical properties; low strength and stiffness, and tends to creep.

PE 1000

PE HD 1000, ultra high molecular weight polyethylene UHMW-PE, with molecular weight of 4,5 million g/mol. Excellent wear resistance and low friction, as well as impact strength.

**PE 1000
sheet, natural**

thickness	format	ca weight	article number	article status
1 mm	1000 x 2000 mm	0,9 kg/m ²	H66.2.2-1345	L
2 mm	1000 x 2000 mm	1,8 kg/m ²	H66.2.2-1346	L
3 mm	1000 x 2000 mm	2,8 kg/m ²	H66.2.2-1347	L
4 mm	1000 x 2000 mm	3,7 kg/m ²	H66.2.2-1348	L
5 mm	1000 x 2000 mm	4,7 kg/m ²	H66.2.2-1349	L
6 mm	1000 x 2000 mm	5,6 kg/m ²	H66.2.2-1350	L
8 mm	1000 x 2000 mm	7,5 kg/m ²	H66.2.2-1351	L
10 mm	1220 x 2050 mm	9 kg/m ²	H66.2.2-1352	L
12 mm	1220 x 2050 mm	11 kg/m ²	H66.2.2-1353	L
15 mm	1220 x 2050 mm	14 kg/m ²	H66.2.2-1354	L
20 mm	1220 x 2050 mm	19 kg/m ²	H66.2.2-1355	L
25 mm	1220 x 2050 mm	24 kg/m ²	H66.2.2-1356	L
30 mm	1220 x 2050 mm	28 kg/m ²	H66.2.2-1357	L
35 mm	1220 x 2050 mm	33 kg/m ²	H66.2.2-2299	L
40 mm	1220 x 2050 mm	38 kg/m ²	H66.2.2-1358	L
45 mm	1220 x 2050 mm	43 kg/m ²	H66.2.2-2057	L
50 mm	1220 x 2050 mm	47 kg/m ²	H66.2.2-1359	L
55 mm	1220 x 2050 mm	52 kg/m ²	H66.2.2-1360	L
60 mm	1220 x 2050 mm	61 kg/m ²	H66.2.2-1361	L
80 mm	1220 x 2050 mm	76 kg/m ²	H66.2.2-1362	L
100 mm	1220 x 2050 mm	95 kg/m ²	H66.2.2-1363	L

PE 1000
sheet, black

thickness	format	ca weight	article number	article status
8 mm	1220 x 2050 mm	8 kg/m ²	H66.2.3-2058	L
10 mm	1220 x 2050 mm	10 kg/m ²	H66.2.3-1364	L
15 mm	1220 x 2050 mm	14 kg/m ²	H66.2.3-1365	L
20 mm	1220 x 2050 mm	20 kg/m ²	H66.2.3-2300	L
25 mm	1220 x 2050 mm	24 kg/m ²	H66.2.3-1366	L
30 mm	1220 x 2050 mm	28 kg/m ²	H66.2.3-1367	L
40 mm	1220 x 2050 mm	38 kg/m ²	H66.2.3-1368	L
50 mm	1220 x 2050 mm	48 kg/m ²	H66.2.3-2411	L
60 mm	1220 x 2050 mm	61 kg/m ²	H66.2.3-1369	L
100 mm	1220 x 2050 mm	95 kg/m ²	H66.2.3-1370	L

PE 1000
rod, natural

Ø	article number	article status
20 mm	H66.3.2-1371	L
25 mm	H66.3.2-1372	L
30 mm	H66.3.2-1373	L
40 mm	H66.3.2-1374	L
50 mm	H66.3.2-1375	L
60 mm	H66.3.2-1376	L
80 mm	H66.3.2-1377	L
90 mm	H66.3.2-2490	L
100 mm	H66.3.2-1378	L
120 mm	H66.3.2-1379	L
130 mm	H66.3.2-1380	L
140 mm	H66.3.2-1381	L
150 mm	H66.3.2-1382	L
160 mm	H66.3.2-1383	L
180 mm	H66.3.2-2303	L
200 mm	H66.3.2-1384	L

PE 1000
sheet, green

thickness	format	ca weight	article number	article status
15 mm	1000 x 2000 mm	15 kg/m ²	H66.2.8-2493	L
25 mm	1220 x 2050 mm	24 kg/m ²	H66.2.8-2307	L

PE 1000 EL, conducting/antistatic

Black antistatic UHMW-PE, with enhanced UV-resistance. The material is dissipative, bordering on conductive. Molecular weights of 7 million g/mol renders high toughness and abrasion resistance.

PE 1000 EL, conducting/antistatic sheet, black

thickness	format	article number	article status
3 mm	1000 x 2000 mm	H67.2.3-2301	L
10 mm	1220 x 2050 mm	H67.2.3-1385	L
15 mm	1220 x 2050 mm	H67.2.3-2302	L
20 mm	1220 x 2050 mm	H67.2.3-1386	L
30 mm	1220 x 2050 mm	H67.2.3-1387	L
40 mm	1220 x 2050 mm	H67.2.3-1388	L

PE 1000 EL, conducting/antistatic rod, black

Ø	length	article number	article status
70 mm	1 m	H67.3.3-2416	L
110 mm	1 m	H67.3.3-1392	L

PE 1000 SD, antistatic

UHMW-PE, statically dissipative, marble green. Molecular weights of 7 million g/mol translates to excellent toughness and abrasion resistance.

PE 1000 SD, antistatic sheet, marble green

thickness	format	article number	article status
20 mm	1220 x 2050 mm	H68.2.19-1389	L
30 mm	1220 x 2050 mm	H68.2.19-1390	L

PE 7000, lubricated

UHMW-PE grade with molecular weight exceeding 7 million g/mol. Specific additives designed to optimise the tribological properties.

**PE 7000, lubricated
rod, greyblack**

Ø	article number	article status
20 mm	H69.3.36-2305	L
30 mm	H69.3.36-1992	L
40 mm	H69.3.36-1391	L
50 mm	H69.3.36-1993	L
60 mm	H69.3.36-1994	L
70 mm	H69.3.36-2306	L

PE 500

High molecular weight (HMW) PE. The PE 500 has molecular weights up to 500 000 g/mol.

**PE 500
sheet, green**

thickness	format	article number	article status
10 mm	1000 x 2000 mm	H70.2.8-1393	L
15 mm	1000 x 2000 mm	H70.2.8-1394	L
20 mm	1000 x 2000 mm	H70.2.8-1395	L
25 mm	1000 x 2000 mm	H70.2.8-1396	L

**PE 500
sheet, natural**

thickness	format	article number	article status
25 mm	1220 x 2050 mm	H70.2.2-2489	L
35 mm	1220 x 2050 mm	H70.2.2-2059	L
60 mm	1220 x 2050 mm	H70.2.2-2060	L
70 mm	1220 x 2050 mm	H70.2.2-2061	L

**PE 500
sheet, red**

thickness	format	article number	article status
15 mm	1000 x 2000 mm	H70.2.20-2308	L

**PE 500
sheet, yellow**

thickness	format	article number	article status
15 mm	1000 x 2000 mm	H70.2.21-2309	L

**PE 500
sheet, blue**

thickness	format	article number	article status
10 mm	1000 x 2000 mm	H70.2.9-2491	L
15 mm	1000 x 2000 mm	H70.2.9-2310	L

**PE 500
sheet, royal blue**

thickness	format	article number	article status
10 mm	1000 x 2000 mm	H70.2.102-2311	L

PE 300

High molecular weight PE, molecular weights of 300 000 g/mol. PE 300 is the stiffest PE, but has lower impact strength and poorer tribological properties.

**PE 300
sheet, natural**

thickness	format	article number	article status
6 mm	1000 x 2000 mm	H102.2.2-2062	L
20 mm	1000 x 2000 mm	H102.2.2-2063	L

PE 300
rod, natural

Ø	ca weight	article number	article status
8 mm	0,05 kg/m	H102.3.2-3386	B
10 mm		H102.3.2-2064	L
12 mm		H102.3.2-2065	L
15 mm	0,19 kg/m	H102.3.2-3387	B
18 mm	0,27 kg/m	H102.3.2-3388	B
20 mm	0,31 kg/m	H102.3.2-2066	L
25 mm	0,49 kg/m	H102.3.2-2067	L
30 mm	0,70 kg/m	H102.3.2-2068	L
35 mm	0,98 kg/m	H102.3.2-3389	B
40 mm	1,28 kg/m	H102.3.2-3390	L
45 mm	1,5 kg/m	H102.3.2-3391	B
50 mm	1,86 kg/m	H102.3.2-3392	L
55 mm	2,25 kg/m	H102.3.2-3393	B
60 mm	2,88 kg/m	H102.3.2-3394	L
65 mm	3,38 kg/m	H102.3.2-3395	B
70 mm	3,64 kg/m	H102.3.2-3396	L
75 mm	4,52 kg/m	H102.3.2-3397	B
80 mm	4,75 kg/m	H102.3.2-3398	L
90 mm	6,2 kg/m	H102.3.2-2304	L
100 mm	8,0 kg/m	H102.3.2-3399	L
110 mm	9,7 kg/m	H102.3.2-3400	L
120 mm	11,5 kg/m	H102.3.2-3401	L
125 mm	11,6 kg/m	H102.3.2-3402	B
130 mm	13 kg/m	H102.3.2-2069	L
135 mm	14,6 kg/m	H102.3.2-3403	B
140 mm	15 kg/m	H102.3.2-2070	L
150 mm	18,0 kg/m	H102.3.2-3404	L
160 mm	19,8 kg/m	H102.3.2-3405	L
165 mm	20,2 kg/m	H102.3.2-3406	B
170 mm	21,5 kg/m	H102.3.2-3407	B
180 mm	25 kg/m	H102.3.2-2071	L
200 mm	32,3 kg/m	H102.3.2-3408	B
225 mm	40,6 kg/m	H102.3.2-3409	B
250 mm	46,4 kg/m	H102.3.2-3410	B
300 mm	71,3 kg/m	H102.3.2-3411	B

PE 300
rod, black

Ø	ca weight	article number	article status
6 mm		H102.3.3-2072	U
8 mm		H102.3.3-2073	L
10 mm		H102.3.3-2074	L
12 mm		H102.3.3-2075	L
15 mm		H102.3.3-2076	L
18 mm	0,27 kg/m	H102.3.3-3373	B
20 mm	0,31 kg/m	H102.3.3-2077	L
25 mm	0,49 kg/m	H102.3.3-2078	L
30 mm	0,70 kg/m	H102.3.3-2079	L
35 mm	0,95 kg/m	H102.3.3-2080	L
40 mm	1,2 kg/m	H102.3.3-2081	L
45 mm	1,5 kg/m	H102.3.3-3374	B
50 mm	1,9 kg/m	H102.3.3-2082	L
55 mm	2,3 kg/m	H102.3.3-2083	L
60 mm	2,8 kg/m	H102.3.3-2084	L
65 mm	3,4 kg/m	H102.3.3-3375	B
70 mm	3,8 kg/m	H102.3.3-2085	L
75 mm	4,5 kg/m	H102.3.3-3376	B
80 mm	4,9 kg/m	H102.3.3-2086	L
90 mm	6,2 kg/m	H102.3.3-2087	L
100 mm	7,7 kg/m	H102.3.3-2088	L
110 mm	9,3 kg/m	H102.3.3-2089	L
120 mm	11,5 kg/m	H102.3.3-3377	B
125 mm	12 kg/m	H102.3.3-2090	L
130 mm	13,5 kg/m	H102.3.3-3378	B
135 mm	14,6 kg/m	H102.3.3-3380	B
140 mm	15 kg/m	H102.3.3-2091	L
150 mm	17 kg/m	H102.3.3-2092	L
160 mm	21,0 kg/m	H102.3.3-3379	B
165 mm	20,2 kg/m	H102.3.3-3381	B
170 mm	21,5 kg/m	H102.3.3-3382	B
180 mm	25 kg/m	H102.3.3-2093	L
200 mm	32,3 kg/m	H102.3.3-3383	B
250 mm	50 kg/m	H102.3.3-2094	L
225 mm	40,6 kg/m	H102.3.3-3384	B
300 mm	71,3 kg/m	H102.3.3-3385	B

PP, polypropylene

The bulky methyl group in PP causes molecular entanglements leading to very tough properties. Compared to PE, PP is stiffer, tougher and has lower molecular weights (200-600 000 g/mol) and density (0,91 g/cm³). Melt point and service temperatures are higher, as well as the glass transition (around 0 C) which makes PP brittle at low temperatures. PP is more sensitive to thermo-oxidative degradation and is always stabilised. The chemical resistance is excellent.

PP-H, PP homopolymer

The homopolymer has superior mechanical and thermal properties compared with copolymers.

**PP-H, PP homopolymer
sheet, natural**

thickness	format	ca weight	article number	article status
1 mm	1000 x 2000 mm	0,9 kg/m ²	H71.2.2-2373	L
1,5 mm	1000 x 2000 mm	1,4 kg/m ²	H71.2.2-2018	L
2 mm	1000 x 2000 mm	1,8 kg/m ²	H71.2.2-2004	L
3 mm	1000 x 2000 mm	2,8 kg/m ²	H71.2.2-2005	L
4 mm	1000 x 2000 mm	3,7 kg/m ²	H71.2.2-1431	L
5 mm	1000 x 2000 mm	4,6 kg/m ²	H71.2.2-2006	L
6 mm	1000 x 2000 mm	5,5 kg/m ²	H71.2.2-1432	L
8 mm	1000 x 2000 mm	7,3 kg/m ²	H71.2.2-1433	L
10 mm	1000 x 2000 mm	9,1 kg/m ²	H71.2.2-1434	L
12 mm	1000 x 2000 mm	11 kg/m ²	H71.2.2-1435	L
15 mm	1000 x 2000 mm	14 kg/m ²	H71.2.2-1436	L
20 mm	1000 x 2000 mm	18 kg/m ²	H71.2.2-1437	L
25 mm	1000 x 2000 mm	23 kg/m ²	H71.2.2-1438	L
30 mm	1000 x 2000 mm	27 kg/m ²	H71.2.2-1439	L
40 mm	1000 x 2000 mm	36 kg/m ²	H71.2.2-2019	L
45 mm	1000 x 2000 mm	41 kg/m ²	H71.2.2-2517	L
50 mm	1000 x 2000 mm	46 kg/m ²	H71.2.2-2020	L
60 mm	1000 x 2000 mm	55 kg/m ²	H71.2.2-1440	L
70 mm	1000 x 2000 mm	63 kg/m ²	H71.2.2-2021	L
80 mm	1000 x 2000 mm	74 kg/m ²	H71.2.2-2007	L
100 mm	1000 x 2000 mm	91 kg/m ²	H71.2.2-2008	L

PP-H, PP homopolymer
rod, natural

Ø	ca weight	article number	article status
10 mm		H71.3.2-1441	L
12 mm		H71.3.2-1442	L
15 mm		H71.3.2-1443	L
20 mm		H71.3.2-1444	L
25 mm	0,47 kg/m	H71.3.2-1445	L
30 mm	0,67 kg/m	H71.3.2-2012	L
40 mm	1,2 kg/m	H71.3.2-1446	L
45 mm	1,5 kg/m	H71.3.2-1447	L
50 mm	1,8 kg/m	H71.3.2-1448	L
55 mm	2,4 kg/m	H71.3.2-1449	L
60 mm	2,7 kg/m	H71.3.2-1450	L
70 mm	3,6 kg/m	H71.3.2-1451	L
80 mm	4,7 kg/m	H71.3.2-1452	L
90 mm	6,0 kg/m	H71.3.2-1453	L
100 mm	8,9 kg/m	H71.3.2-1454	L
110 mm	9 kg/m	H71.3.2-2313	L
125 mm	11 kg/m	H71.3.2-1455	L
130 mm	13 kg/m	H71.3.2-2533	L
150 mm	17 kg/m	H71.3.2-1456	L
160 mm	20 kg/m	H71.3.2-2456	L
180 mm	24 kg/m	H71.3.2-2013	L
200 mm	30 kg/m	H71.3.2-1457	L
225 mm	39 kg/m	H71.3.2-1458	L
300 mm	67 kg/m	H71.3.2-1459	L
400 mm	123 kg/m	H71.3.2-2546	L

PP-H, PP homopolymer
sheet, grey

thickness	format	ca weight	article number	article status
1 mm	1000 x 2000 mm	0,9 kg/m ²	H71.2.7-3418	B
2 mm	1000 x 2000 mm	1,8 kg/m ²	H71.2.7-3419	B
3 mm	1000 x 2000 mm	2,7 kg/m ²	H71.2.7-3420	B
4 mm	1000 x 2000 mm	3,7 kg/m ²	H71.2.7-3421	B
5 mm	1000 x 2000 mm	4,6 kg/m ²	H71.2.7-3422	B
6 mm	1000 x 2000 mm	5,5 kg/m ²	H71.2.7-3423	B
8 mm	1000 x 2000 mm	7,3 kg/m ²	H71.2.7-1460	B
10 mm	1000 x 2000 mm	9,2 kg/m ²	H71.2.7-3424	B
12 mm	1000 x 2000 mm	11,1 kg/m ²	H71.2.7-3425	B
15 mm	1000 x 2000 mm	13,8 kg/m ²	H71.2.7-3426	B
20 mm	1000 x 2000 mm	18,4 kg/m ²	H71.2.7-1461	B
25 mm	1000 x 2000 mm	23,0 kg/m ²	H71.2.7-1462	B
30 mm	1000 x 2000 mm	27,6 kg/m ²	H71.2.7-1463	B
40 mm	1000 x 2000 mm	36,8 kg/m ²	H71.2.7-3427	B
50 mm	1000 x 2000 mm	46,0 kg/m ²	H71.2.7-3428	B

**PP-H, PP homopolymer
rod, grey**

Ø	ca weight	article number	article status
10 mm		H71.3.7-1464	L
12 mm		H71.3.7-1465	L
15 mm		H71.3.7-1466	L
20 mm		H71.3.7-2127	L
25 mm	0,47 kg/m	H71.3.7-1467	L
28 mm	0,59 kg/m	H71.3.7-1468	L
30 mm	0,67 kg/m	H71.3.7-1469	L
40 mm	1,1 kg/m	H71.3.7-1470	L
50 mm	1,8 kg/m	H71.3.7-1471	L
60 mm	2,7 kg/m	H71.3.7-1472	L
70 mm	3,6 kg/m	H71.3.7-2312	L
80 mm	4,7 kg/m	H71.3.7-1473	L
90 mm	6,0 kg/m	H71.3.7-1474	L
100 mm	7,4 kg/m	H71.3.7-1475	L
110 mm	9 kg/m	H71.3.7-1476	L
125 mm	11 kg/m	H71.3.7-1477	L
135 mm	14 kg/m	H71.3.7-1478	L
300 mm	67 kg/m	H71.3.7-1479	L

**PP-H, PP homopolymer
rod, black**

Ø	ca weight	article number	article status
20 mm	0,30 kg/m	H71.3.3-2009	L
30 mm	0,67 kg/m	H71.3.3-2010	L
40 mm	1,2 kg/m	H71.3.3-2011	L
50 mm	1,9 kg/m	H71.3.3-2398	L
60 mm	2,7 kg/m	H71.3.3-1866	L
80 mm	4,9 kg/m	H71.3.3-2485	L
100 mm	7,4 kg/m	H71.3.3-1867	L
150 mm	17 kg/m	H71.3.3-1868	L
300 mm	67 kg/m	H71.3.3-2095	L

PP GF30, with 30% glass fibre

PP with 30% glass fibre reinforcement has a significant shift up in use temperature and stiffness.

**PP GF30, with 30% glass fibre
rod, black**

Ø	ca weight	article number	article status
20 mm	0,37 kg/m	H72.3.3-1480	L
30 mm	0,84 kg/m	H72.3.3-1481	L
50 mm	2,3 kg/m	H72.3.3-1482	L
60 mm	3,3 kg/m	H72.3.3-1483	L
80 mm	5,9 kg/m	H72.3.3-1484	L
100 mm	9,2 kg/m	H72.3.3-1485	L
120 mm	13,2 kg/m	H72.3.3-1486	L
150 mm	21,8 kg/m	H72.3.3-1487	L

**PP GF30, with 30% glass fibre
sheet, black**

thickness	format	ca weight	article number	article status
10 mm	600 x 1000 mm	13 kg/m ²	H72.2.3-1488	L
20 mm	600 x 1000 mm	24 kg/m ²	H72.2.3-1489	L
30 mm	600 x 1000 mm	37 kg/m ²	H72.2.3-1490	L
40 mm	600 x 1000 mm	48 kg/m ²	H72.2.3-1491	L
50 mm	600 x 1000 mm	59 kg/m ²	H72.2.3-1492	L

PVC, polyvinyl chloride

Non-plasticised PVC, "stiff" PVC. All PVC is heat stabilised to counter thermo-oxidative degradation. PVC is partly crystalline, with a good mix of properties, dimensional stability, good electrical properties, good stiffness and flexibility, chemical stability and weatherability. It is scratch and notch sensitive and has limited service temperature, continuously only 60 C. Chlorine content is 57% which gives an inherent flame protection.

PVC, pressed

Compression moulded PVC has higher finish, machinability and chemical resistance compared to extruded PVC. Trovidur PN (grey, black), Trovidur NL (red).

PVC, pressed sheet, grey

thickness	format	ca weight	article number	article status
30 mm	1000 x 2000 mm	42 kg/m ²	H73.2.7-1493	L
40 mm	1000 x 2000 mm	56 kg/m ²	H73.2.7-1494	L
50 mm	1000 x 2000 mm	70 kg/m ²	H73.2.7-1495	L
60 mm	1000 x 2000 mm	84 kg/m ²	H73.2.7-1496	L
80 mm	1000 x 1000 mm	112 kg/m ²	H73.2.7-1497	L
100 mm	1000 x 1000 mm	140 kg/m ²	H73.2.7-1498	L

**PVC, pressed
sheet, red**

thickness	format	ca weight	article number	article status
1 mm	1000 x 2000 mm	1,5 kg/m ²	H73.2.20-3361	B
2 mm	1000 x 2000 mm	2,8 kg/m ²	H73.2.20-1499	B
3 mm	1000 x 2000 mm	4,2 kg/m ²	H73.2.20-1500	B
4 mm	1000 x 2000 mm	5,6 kg/m ²	H73.2.20-1501	B
5 mm	1000 x 2000 mm	7,0 kg/m ²	H73.2.20-1502	B
6 mm	1000 x 2000 mm	8,4 kg/m ²	H73.2.20-2478	B
8 mm	1000 x 2000 mm	11,5 kg/m ²	H73.2.20-3362	B
10 mm	1000 x 2000 mm	14 kg/m ²	H73.2.20-1503	B
12 mm	1000 x 2000 mm	17,3 kg/m ²	H73.2.20-3363	B
15 mm	1000 x 2000 mm	21 kg/m ²	H73.2.20-1504	B
20 mm	1000 x 2000 mm	28 kg/m ²	H73.2.20-1505	L
25 mm	1000 x 2000 mm	35 kg/m ²	H73.2.20-1506	L
30 mm	1000 x 2000 mm	42 kg/m ²	H73.2.20-1507	L
40 mm	1000 x 2000 mm	56 kg/m ²	H73.2.20-1508	L
50 mm	1000 x 2000 mm	70 kg/m ²	H73.2.20-1509	L
60 mm	1000 x 2000 mm	84 kg/m ²	H73.2.20-1510	L

**PVC, pressed
sheet, black**

thickness	format	ca weight	article number	article status
1 mm	1000 x 2000 mm	1,4 kg/m ²	H73.2.3-1511	U
2 mm	1000 x 2000 mm	2,8 kg/m ²	H73.2.3-1512	U
3 mm	1000 x 2000 mm	4,2 kg/m ²	H73.2.3-1513	U
4 mm	1000 x 2000 mm	5,6 kg/m ²	H73.2.3-1514	U
5 mm	1000 x 2000 mm	7,0 kg/m ²	H73.2.3-1515	U
6 mm	1000 x 2000 mm	8,4 kg/m ²	H73.2.3-1516	U
8 mm	1000 x 2000 mm	11 kg/m ²	H73.2.3-1517	U
10 mm	1000 x 2000 mm	14 kg/m ²	H73.2.3-1518	U
12 mm	1000 x 2000 mm	17 kg/m ²	H73.2.3-1519	U
15 mm	1000 x 2000 mm	21 kg/m ²	H73.2.3-1520	U
20 mm	1000 x 2000 mm	28 kg/m ²	H73.2.3-1521	U
25 mm	1000 x 2000 mm	35 kg/m ²	H73.2.3-2317	U
30 mm	1000 x 2000 mm	42 kg/m ²	H73.2.3-1522	L
40 mm	1000 x 2000 mm	56 kg/m ²	H73.2.3-1523	L
50 mm	1000 x 2000 mm	70 kg/m ²	H73.2.3-1524	L
60 mm	1000 x 2000 mm	84 kg/m ²	H73.2.3-1525	L

PVC, clear

Extruded clear transparent stiff PVC. Trovidur ET.

**PVC, clear
sheet, clear transparent**

thickness	format	article number	article status
1 mm	1000 x 2000 mm	H74.2.1-3368	B
1,5 mm	1000 x 2000 mm	H74.2.1-3369	B
2 mm	1000 x 2000 mm	H74.2.1-1526	L
3 mm	1000 x 2000 mm	H74.2.1-1527	L
4 mm	1000 x 2000 mm	H74.2.1-3370	B
5 mm	1000 x 2000 mm	H74.2.1-1528	L
6 mm	1000 x 2000 mm	H74.2.1-1529	L
8 mm	1000 x 2000 mm	H74.2.1-1530	L
10 mm	1000 x 2000 mm	H74.2.1-1531	L
12 mm	1000 x 2000 mm	H74.2.1-3371	B
15 mm	1000 x 2000 mm	H74.2.1-3372	B

PVC XT

Extruded unplasticised PVC.

**PVC XT
sheet, grey**

thickness	format	ca weight	article number	article status
1 mm	1000 x 2000 mm	1,5 kg/m ²	H75.2.7-1532	L
1,5 mm	1000 x 2000 mm	2,3 kg/m ²	H75.2.7-2526	L
2 mm	1000 x 2000 mm	2,9 kg/m ²	H75.2.7-1533	L
3 mm	1000 x 2000 mm	4,4 kg/m ²	H75.2.7-1534	L
4 mm	1000 x 2000 mm	5,8 kg/m ²	H75.2.7-1535	L
5 mm	1000 x 2000 mm	7,3 kg/m ²	H75.2.7-2321	L
6 mm	1000 x 2000 mm	8,7 kg/m ²	H75.2.7-1536	L
8 mm	1000 x 2000 mm	12 kg/m ²	H75.2.7-1537	L
10 mm	1000 x 2000 mm	15 kg/m ²	H75.2.7-1538	L
12 mm	1000 x 2000 mm	17 kg/m ²	H75.2.7-1539	L
15 mm	1000 x 2000 mm	22 kg/m ²	H75.2.7-1540	L
20 mm	1000 x 2000 mm	29 kg/m ²	H75.2.7-1541	L
25 mm	1000 x 2000 mm	36 kg/m ²	H75.2.7-1542	L
30 mm	1000 x 2000 mm	44 kg/m ²	H75.2.7-1543	L

**PVC XT
sheet, black**

thickness	format	ca weight	article number	article status
1 mm	1000 x 2000 mm	1,5 kg/m ²	H75.2.3-2096	L
1,5 mm	1000 x 2000 mm	2,2 kg/m ²	H75.2.3-3364	L
2 mm	1000 x 2000 mm	2,9 kg/m ²	H75.2.3-2097	L
3 mm	1000 x 2000 mm	4,4 kg/m ²	H75.2.3-2417	L
4 mm	1000 x 2000 mm	5,8 kg/m ²	H75.2.3-2098	L
5 mm	1000 x 2000 mm	7,3 kg/m ²	H75.2.3-2099	L
6 mm	1000 x 2000 mm	8,7 kg/m ²	H75.2.3-2100	L
8 mm	1000 x 2000 mm	12 kg/m ²	H75.2.3-2101	L
10 mm	1000 x 2000 mm	15 kg/m ²	H75.2.3-2102	L
12 mm	1000 x 2000 mm	17,6 kg/m ²	H75.2.3-3365	L
15 mm	1000 x 2000 mm	22,1 kg/m ²	H75.2.3-3366	L
20 mm	1000 x 2000 mm	30 kg/m ²	H75.2.3-2374	L
25 mm	1000 x 2000 mm	36,8 kg/m ²	H75.2.3-3367	L
30 mm	1000 x 2000 mm	45 kg/m ²	H75.2.3-2477	L

**PVC XT
sheet, white**

thickness	format	ca weight	article number	article status
12 mm	1220 x 2440 mm	17 kg/m ²	H75.2.11-2322	L

PVC XT
rod, red

Ø	ca weight	article number	article status
6 mm	0,04 kg/m	H75.3.20-1544	L
8 mm	0,07 kg/m	H75.3.20-1545	L
10 mm	0,11 kg/m	H75.3.20-1546	L
15 mm	0,25 kg/m	H75.3.20-1547	L
18 mm	0,36 kg/m	H75.3.20-1548	L
20 mm	0,44 kg/m	H75.3.20-1549	L
25 mm	0,60 kg/m	H75.3.20-1550	L
30 mm	0,99 kg/m	H75.3.20-1551	L
35 mm	1,4 kg/m	H75.3.20-1552	L
40 mm	1,8 kg/m	H75.3.20-1553	L
45 mm	2,2 kg/m	H75.3.20-1554	L
50 mm	2,8 kg/m	H75.3.20-1555	L
55 mm	3,3 kg/m	H75.3.20-1556	L
60 mm	4,0 kg/m	H75.3.20-1557	L
65 mm	4,7 kg/m	H75.3.20-1558	L
70 mm	5,4 kg/m	H75.3.20-1559	L
80 mm	7,1 kg/m	H75.3.20-1560	L
90 mm	9,0 kg/m	H75.3.20-1561	L
100 mm	12 kg/m	H75.3.20-1562	L
110 mm	14 kg/m	H75.3.20-1563	L
125 mm	18 kg/m	H75.3.20-1564	L
150 mm	25 kg/m	H75.3.20-1565	L
180 mm	37 kg/m	H75.3.20-1566	L
200 mm	46 kg/m	H75.3.20-1567	L

PVC XT
rod, grey

Ø	ca weight	article number	article status
2 mm		H75.3.7-2325	L
3 mm		H75.3.7-2326	L
4 mm		H75.3.7-2532	L
5 mm	0,03 kg/m	H75.3.7-1568	L
6 mm	0,04 kg/m	H75.3.7-1569	L
8 mm	0,07 kg/m	H75.3.7-1570	L
10 mm	0,11 kg/m	H75.3.7-1571	L
12 mm	0,16 kg/m	H75.3.7-1572	L
15 mm	0,25 kg/m	H75.3.7-1573	L
16 mm	0,29 kg/m	H75.3.7-1574	L
18 mm	0,36 kg/m	H75.3.7-1575	L
20 mm	0,44 kg/m	H75.3.7-1576	L
22 mm	0,54 kg/m	H75.3.7-1577	L
25 mm	0,60 kg/m	H75.3.7-1578	L
28 mm	0,87 kg/m	H75.3.7-1579	L
30 mm	0,99 kg/m	H75.3.7-1580	L
32 mm	1,1 kg/m	H75.3.7-1581	L
35 mm	1,4 kg/m	H75.3.7-1582	L
40 mm	1,8 kg/m	H75.3.7-1583	L
45 mm	2,2 kg/m	H75.3.7-1584	L
50 mm	2,8 kg/m	H75.3.7-1585	L
55 mm	3,3 kg/m	H75.3.7-1586	L
60 mm	4,0 kg/m	H75.3.7-1587	L
65 mm	4,7 kg/m	H75.3.7-1588	L
70 mm	5,4 kg/m	H75.3.7-1589	L
80 mm	7,1 kg/m	H75.3.7-1590	L
90 mm	9,0 kg/m	H75.3.7-1591	L
100 mm	12 kg/m	H75.3.7-1592	L
110 mm	14 kg/m	H75.3.7-1593	L
125 mm	18 kg/m	H75.3.7-1594	L
130 mm	19 kg/m	H75.3.7-1595	L
140 mm	22 kg/m	H75.3.7-2327	L
150 mm	25 kg/m	H75.3.7-1596	L
180 mm	37 kg/m	H75.3.7-1597	L
200 mm	46 kg/m	H75.3.7-1598	L
225 mm	60 kg/m	H75.3.7-1599	L
250 mm	71 kg/m	H75.3.7-1600	L

**PVC XT
rod, black**

Ø	ca weight	article number	article status
6 mm	0,04 kg/m	H75.3.3-1601	L
8 mm	0,07 kg/m	H75.3.3-1602	L
10 mm	0,11 kg/m	H75.3.3-1603	L
12 mm	0,16 kg/m	H75.3.3-1604	L
15 mm	0,25 kg/m	H75.3.3-1605	L
18 mm	0,36 kg/m	H75.3.3-1606	L
20 mm	0,44 kg/m	H75.3.3-1607	L
25 mm	0,60 kg/m	H75.3.3-1608	L
30 mm	0,99 kg/m	H75.3.3-1609	L
35 mm	1,4 kg/m	H75.3.3-1610	L
40 mm	1,8 kg/m	H75.3.3-1611	L
45 mm	2,2 kg/m	H75.3.3-1612	L
50 mm	2,8 kg/m	H75.3.3-1613	L
60 mm	4,0 kg/m	H75.3.3-1614	L
70 mm	5,4 kg/m	H75.3.3-1615	L
80 mm	7,1 kg/m	H75.3.3-1616	L
90 mm	9,0 kg/m	H75.3.3-1617	L
100 mm	12 kg/m	H75.3.3-1618	L
110 mm	14 kg/m	H75.3.3-1619	L
120 mm	16 kg/m	H75.3.3-1620	L
150 mm	25 kg/m	H75.3.3-1621	L
180 mm	37 kg/m	H75.3.3-1622	L

**PVC XT
rod, white**

Ø	ca weight	article number	article status
10 mm	0,11 kg/m	H75.3.11-1623	L
20 mm	0,44 kg/m	H75.3.11-1624	L
30 mm	0,99 kg/m	H75.3.11-1625	L
50 mm	2,8 kg/m	H75.3.11-1626	L

**PVC XT
rod, yellow**

Ø	ca weight	article number	article status
10 mm	0,11 kg/m	H75.3.21-1627	L
20 mm	0,44 kg/m	H75.3.21-1628	L
30 mm	0,99 kg/m	H75.3.21-1629	L
50 mm	2,8 kg/m	H75.3.21-1630	L

**PVC XT
rod, orange**

Ø	ca weight	article number	article status
10 mm	0,11 kg/m	H75.3.22-1631	L
20 mm	0,44 kg/m	H75.3.22-1632	L
30 mm	0,99 kg/m	H75.3.22-1633	L
50 mm	2,8 kg/m	H75.3.22-1634	L

**PVC XT
rod, green**

Ø	ca weight	article number	article status
10 mm	0,11 kg/m	H75.3.8-1635	L
20 mm	0,44 kg/m	H75.3.8-1636	L
30 mm	0,99 kg/m	H75.3.8-1637	L
50 mm	2,8 kg/m	H75.3.8-1638	L

**PVC XT
rod, blue**

Ø	ca weight	article number	article status
10 mm	0,11 kg/m	H75.3.9-1639	L
20 mm	0,44 kg/m	H75.3.9-1640	L
30 mm	0,99 kg/m	H75.3.9-1641	L
50 mm	2,8 kg/m	H75.3.9-1642	L

**PVC XT
rod, clear transparent**

Ø	ca weight	article number	article status
10 mm	0,11 kg/m	H75.3.1-2323	L
20 mm	0,44 kg/m	H75.3.1-2324	L

PVC XT
square rod, grey

format	article number	article status
10 x 10 mm	H75.13.7-1643	L
15 x 15 mm	H75.13.7-1644	L
20 x 20 mm	H75.13.7-1645	L
25 x 25 mm	H75.13.7-1646	L
30 x 30 mm	H75.13.7-1647	L
40 x 40 mm	H75.13.7-1648	L
50 x 50 mm	H75.13.7-1649	L

PVC XT
hexagonal rod, grey

key width	article number	article status
7 mm	H75.15.7-1664	L
10 mm	H75.15.7-1665	L
12 mm	H75.15.7-1666	L
14 mm	H75.15.7-1667	L
19 mm	H75.15.7-1668	L
22 mm	H75.15.7-1669	L
27 mm	H75.15.7-1670	L
30 mm	H75.15.7-1671	L
32 mm	H75.15.7-1672	L

PVC XT
rectangular rod, grey

format	article number	article status
15 x 10 mm	H75.7.7-1650	L
20 x 6 mm	H75.7.7-1651	L
23 x 12 mm	H75.7.7-1652	L
28 x 9 mm	H75.7.7-1653	L

PVC XT
angular profile, grey

width	height	thickness	article number	article status
15 mm	15 mm	2 mm	H75.14.7-1654	L
20 mm	20 mm	2 mm	H75.14.7-1655	L
25 mm	25 mm	2 mm	H75.14.7-1656	L
25 mm	25 mm	3 mm	H75.14.7-1657	L
30 mm	30 mm	4 mm	H75.14.7-1658	L
40 mm	40 mm	4 mm	H75.14.7-1659	L
40 mm	40 mm	6 mm	H75.14.7-1660	L
45 mm	45 mm	10 mm	H75.14.7-1661	L
50 mm	50 mm	2 mm	H75.14.7-1662	L
50 mm	50 mm	5 mm	H75.14.7-1663	L

PVC XT
heavy-wall tube, grey

Ø	ca weight	article number	article status
50/20 mm	2,47 kg/m	H75.8.7-2328	L
50/25 mm	2,91 kg/m	H75.8.7-2329	L
70/30 mm	4,51 kg/m	H75.8.7-2330	L
80/40 mm	5,86 kg/m	H75.8.7-2331	L
100/50 mm	9,13 kg/m	H75.8.7-2332	L

PVC XT
rectangular tube, grey

width	height	thickness	article number	article status
50 mm	25 mm	2 mm	H75.19.7-2333	L
70 mm	35 mm	2,5 mm	H75.19.7-2334	L

PVC XT
rectangular tube, white

width	height	thickness	article number	article status
50 mm	25 mm	2 mm	H75.19.11-2335	L
70 mm	35 mm	2,5 mm	H75.19.11-2336	L

PVC, conductive

An electrically conductive grade of PVC.

PVC, conductive rod, black

Ø	ca weight	article number	article status
20 mm	0,47 kg/m	H115.3.3-2486	L
30 mm	1,04 kg/m	H115.3.3-2487	L
50 mm	2,88 kg/m	H115.3.3-2488	L

C-PVC, overchlorinated PVC

To improve the properties of PVC it can be post-chlorinated to C-PVC, with higher specific weight (1,6 g/cm³ compared with normal PVC 1,4 g/cm³) and ca 30 C increased glass transition and continuous service temperature, ca 95 C.

C-PVC, over-chlorinated PVC

Extra heat and chemical resistance.

C-PVC, over-chlorinated PVC sheet, grey

thickness	format	ca weight	article number	article status
8 mm	1000 x 2000 mm	13,0 kg/m ²	H76.2.7-1673	L
10 mm	1000 x 2000 mm	16,4 kg/m ²	H76.2.7-1674	L
12 mm	1000 x 2000 mm	19,7 kg/m ²	H76.2.7-1675	L
15 mm	1000 x 2000 mm	24,6 kg/m ²	H76.2.7-1676	L
20 mm	1000 x 2000 mm	32,8 kg/m ²	H76.2.7-2314	L
25 mm	1000 x 2000 mm	41 kg/m ²	H76.2.7-2315	L
30 mm	1000 x 2000 mm	49,2 kg/m ²	H76.2.7-2316	L
60 mm	1000 x 1000 mm	98 kg/m ²	H76.2.7-1677	L
75 mm	1000 x 1000 mm	123 kg/m ²	H76.2.7-1678	L

**C-PVC, over-chlorinated PVC
rod, grey**

Ø	ca weight	article number	article status
10 mm	0,13 kg/m	H76.3.7-1679	L
15 mm	0,29 kg/m	H76.3.7-1680	L
20 mm	0,51 kg/m	H76.3.7-1681	L
30 mm	1,18 kg/m	H76.3.7-1682	L
40 mm	2,14 kg/m	H76.3.7-1683	L
50 mm	3,1 kg/m	H76.3.7-1684	L
60 mm	4,5 kg/m	H76.3.7-1685	L
70 mm	7,5 kg/m	H76.3.7-1686	L
80 mm	8,5 kg/m	H76.3.7-1687	L
90 mm	11 kg/m	H76.3.7-1688	L
100 mm	13 kg/m	H76.3.7-1689	L

Catalogue index: I**Film, various materials**

This chapter covers our technical films, not sorted under their material categories. PTFE films however are found in the PTFE section. Material data are found in the respective material categories.

PET, polyethylene terephthalate (polyester)

PET films are strong and tough, and depending on thickness they are clear transparent, light hazy, or opal white. (Hostaphan, Mylar, Melinex).

**PET, polyethylene terephthalate (polyester)
film, transparent, slight haze**

thickness	roll width	article number	article status
0,036 mm	600 mm	I77.1.23-1693	L
0,050 mm	600 mm	I77.1.23-1694	L
0,075 mm	600 mm	I77.1.23-1695	L

**PET, polyethylene terephthalate (polyester)
film, clear transparent**

thickness	roll width	article number	article status
0,100 mm	1000 mm	I77.1.1-1690	L
0,125 mm	1000 mm	I77.1.1-1691	L
0,175 mm	1000 mm	I77.1.1-1692	L

**PET, polyethylene terephthalate (polyester)
film, opal white**

thickness	roll width	article number	article status
0,19 mm	1000 mm	I77.1.24-1696	L
0,25 mm	1000 mm	I77.1.24-1697	L
0,35 mm	1000 mm	I77.1.24-1698	L

PSU, polysulfone

Grade Udel 1700.

**PSU, polysulfone
film, clear transparent**

thickness	roll width	article number	article status
0,125 mm	610 mm	I78.1.1-1699	L
0,25 mm	610 mm	I78.1.1-1700	L

PEI, polyether imide

Grade Ultem 1000.

**PEI, polyether imide
film, clear transparent**

thickness	roll width	article number	article status
0,127 mm	610 mm	I79.1.1-1701	L
0,25 mm	610 mm	I79.1.1-1702	L

PI, polyimide

Grade Kapton HN

**PI, polyimide
film, amber, transparent**

thickness	type	roll width	article number	article status
0,050 mm	200 H	1000 mm	I80.1.14-1703	L
0,075 mm	300 H	1000 mm	I80.1.14-1704	L
0,125 mm	500 H	1000 mm	I80.1.14-1705	L

CA, cellulose acetate

film of cellulose acetate.

**CA, cellulose acetate
film, clear transparent**

thickness	format	article number	article status
0,14 mm	650 x 1200 mm	I81.1.1-1706	L
0,20 mm	650 x 1200 mm	I81.1.1-1707	L
0,50 mm	650 x 1200 mm	I81.1.1-1708	L
0,80 mm	650 x 1200 mm	I81.1.1-1709	L

PC SD, black antistatic polycarbonate

Statically dissipative grade of PC film, black, one-side textured.

**PC SD, black antistatic polycarbonate
film, black**

thickness	= ca thickness	roll width	format	article number	article status
0,02 "	0,51 mm	660 mm		I82.1.3- 1710	L
0,04 "	1,02 mm		330 x 1130 mm	I82.1.3- 1711	L
0,065 "	1,65 mm		600 x 1200 mm	I82.1.3- 1939	L

PVC Cobex, stiff

Unplasticised PVC, film (sheets) transparent and opaque, clear and coloured. Tradename Cobex.

**PVC Cobex, stiff
film, clear transparent p/p 5064**

thickness	article number	article status
0,15 mm	183.1.74-1712	L
0,25 mm	183.1.74-1713	L
0,40 mm	183.1.74-1714	L
0,50 mm	183.1.74-1715	L
0,75 mm	183.1.74-1716	L
1,0 mm	183.1.74-1717	L
1,5 mm	183.1.74-1718	L
2,0 mm	183.1.74-1719	L

**PVC Cobex, stiff
film, clear transparent p/m 5064**

thickness	article number	article status
0,25 mm	183.1.75-2226	L
0,50 mm	183.1.75-2223	L
0,75 mm	183.1.75-2224	L
1,0 mm	183.1.75-2225	L

**PVC Cobex, stiff
film, clear transparent m/m 5064**

thickness	article number	article status
1,0 mm	183.1.76-2227	L

**PVC Cobex, stiff
film, white opaque 5066**

thickness	article number	article status
0,25 mm	183.1.77-2228	L
0,40 mm	183.1.77-2229	L
0,50 mm	183.1.77-2230	L
0,75 mm	183.1.77-2231	L
1,0 mm	183.1.77-2232	L
1,5 mm	183.1.77-2233	L
2,0 mm	183.1.77-2234	L

**PVC Cobex, stiff
film, blue opaque 5047**

thickness	article number	article status
0,25 mm	183.1.78-2235	L
0,75 mm	183.1.78-2236	L

**PVC Cobex, stiff
film, blue transparent 5040**

thickness	article number	article status
0,25 mm	183.1.79-2237	L
0,50 mm	183.1.79-2238	L
1,0 mm	183.1.79-2239	L

**PVC Cobex, stiff
film, brown opaque 5147**

thickness	article number	article status
0,25 mm	183.1.80-2240	L
0,75 mm	183.1.80-2241	L

**PVC Cobex, stiff
film, grey opaque 5098**

thickness	article number	article status
0,75 mm	183.1.81-2242	L

**PVC Cobex, stiff
film, green transparent 5038**

thickness	article number	article status
0,25 mm	183.1.82-2243	L
1,0 mm	183.1.82-2244	L

**PVC Cobex, stiff
film, green opaque 5124**

thickness	article number	article status
0,25 mm	183.1.83-2245	L
0,75 mm	183.1.83-2246	L

**PVC Cobex, stiff
film, yellow opaque 5132**

thickness	article number	article status
0,25 mm	183.1.84-2247	L

**PVC Cobex, stiff
film, yellow transparent 5013**

thickness	article number	article status
0,25 mm	183.1.85-2248	L
0,50 mm	183.1.85-2249	L

**PVC Cobex, stiff
film, orange transparent 5028**

thickness	article number	article status
0,25 mm	183.1.86-2250	L
1,0 mm	183.1.86-2251	L

**PVC Cobex, stiff
film, red opaque 5001**

thickness	article number	article status
0,25 mm	183.1.87-2252	L
0,50 mm	183.1.87-2253	L
0,75 mm	183.1.87-2254	L

**PVC Cobex, stiff
film, red transparent 5015**

thickness	article number	article status
0,25 mm	183.1.88-2255	L
0,50 mm	183.1.88-2256	L
1,0 mm	183.1.88-2257	L

**PVC Cobex, stiff
film, special red transparent 5545**

thickness	article number	article status
1,0 mm	183.1.90-1727	L
1,5 mm	183.1.90-1728	L
2,0 mm	183.1.90-1729	L

**PVC Cobex, stiff
film, black opaque 5091**

thickness	article number	article status
0,25 mm	I83.1.89-2258	L
0,75 mm	I83.1.89-2372	L

PVC plasticised

Astraglas WS. Soft type PVC, flexibility due to added plasticisers • high transparency and permeability to light • resistant to ageing and light • high resistance to tearing and further tearing • high low temperature impact strength • high abrasion resistance • sound-deadening and heat insulating • good suitability for bonding • suitable for welding and heated forming

**PVC plasticised
film, clear transparent**

thickness	format	article number	article status
0,5 mm	1000 x 2000 mm	I110.1.1-2393	L

PEEK, polyether ether ketone

Stiff and tough film of polyether ether ketone.

**PEEK, polyether ether ketone
film, natural**

thickness	roll width	article number	article status
0,3 mm	410 mm	I99.1.2-1979	L

**PEEK, polyether ether ketone
film, black**

thickness	roll width	article number	article status
0,050 mm	410 mm	I99.1.3-1980	L

PP, polypropylene

PP film with both sides matted.

**PP, polypropylene
film, natural**

thickness	format	article number	article status
0,8 mm	1000 x 1300 mm	I106.1.2-2318	L
1,2 mm	1000 x 1300 mm	I106.1.2-2319	L
1,8 mm	1000 x 1300 mm	I106.1.2-2320	L

PE, polyethylene, one-side adhesive

An ultra high molecular polyethylene film, one-sided coated with a pressure sensitive rubber self-adhesive layer.

**PE, polyethylene, one-side adhesive
film, natural**

thickness	roll width	article number	article status
0,25 mm	550 mm	I111.1.2-2422	L

Catalogue index: J**PF, Phenolics (bakelite)**

Phenolics are thermosets based on phenol-formaldehyde and are often called bakelite, PF resins etc. They are still used extensively thanks to their good electrical properties, chemical resistance, heat and dimensional stability. As stock shapes they are laminates.

Phenolic paper laminate HP 2061

Paper bakelite, laminate HP 2061, also called laminate 1120 and NEMA X, XP.

**Phenolic paper laminate HP 2061
sheet, brown**

thickness	± tolerance	format	ca weight	article number	article status
2 mm	0,17 mm	1000 x 1270 mm	2,8 kg/m ²	J84.2.4- 1730	L
3 mm		1250 x 1250 mm	4,2 kg/m ²	J84.2.4- 2351	L
4 mm	0,25 mm	1000 x 1270 mm	5,6 kg/m ²	J84.2.4- 1731	L
10 mm	0,46 mm	1000 x 1270 mm	13,8 kg/m ²	J84.2.4- 1732	L
12 mm	0,52 mm	1000 x 1270 mm	16,6 kg/m ²	J84.2.4- 1733	L
15 mm	0,61 mm	1000 x 1270 mm	20,7 kg/m ²	J84.2.4- 1734	L
20 mm	0,73 mm	1000 x 1270 mm	27,6 kg/m ²	J84.2.4- 1735	L
25 mm	0,78 mm	1000 x 1270 mm	34,5 kg/m ²	J84.2.4- 1736	L
30 mm	0,95 mm	1000 x 1270 mm	41,4 kg/m ²	J84.2.4- 1737	L
80 mm		1250 x 1250 mm	112 kg/m ²	J84.2.4- 2352	L

Phenolic paper laminate HP 2063

Paper bakelite, phenolic paper laminate HP 2063, laminate 1160, NEMA XXXP,XXXXPC

**Phenolic paper laminate HP 2063
sheet, brown**

thickness	± tolerance	format	ca weight	article number	article status
0,5 mm	0,08 mm	1060 x 1150 mm	0,7 kg/m ²	J85.2.4- 1738	L
1,5 mm	0,16 mm	1060 x 1150 mm	2,1 kg/m ²	J85.2.4- 1739	L
2 mm	0,19 mm	1060 x 1150 mm	2,8 kg/m ²	J85.2.4- 1740	L
3 mm	0,25 mm	1060 x 1150 mm	4,2 kg/m ²	J85.2.4- 1741	L
4 mm	0,30 mm	1060 x 1150 mm	5,6 kg/m ²	J85.2.4- 1742	L
5 mm	0,34 mm	1060 x 1150 mm	6,9 kg/m ²	J85.2.4- 1743	L
6 mm	0,37 mm	1060 x 1150 mm	8,3 kg/m ²	J85.2.4- 1744	L
8 mm	0,47 mm	1060 x 1150 mm	11 kg/m ²	J85.2.4- 1745	L
10 mm		1060 x 1150 mm	14 kg/m ²	J85.2.4- 1746	L

Phenolic paper laminate SD, antistatic

black, statically dissipative phenolic paper laminate

**Phenolic paper laminate SD, antistatic
sheet, black**

thickness	± tolerance	format	article number	article status
1 mm	0,08 mm	1250 x 1250 mm	J86.2.3-1747	L
2 mm	0,19 mm	1250 x 1250 mm	J86.2.3-1748	L
3 mm	0,25 mm	1250 x 1250 mm	J86.2.3-1749	L
6 mm	0,37 mm	1250 x 1250 mm	J86.2.3-1750	L
10 mm		1250 x 1250 mm	J86.2.3-2103	L
12 mm		1250 x 1250 mm	J86.2.3-1751	L
16 mm		1250 x 1250 mm	J86.2.3-2104	L
20 mm	0,8 mm	1250 x 1250 mm	J86.2.3-1752	L
30 mm		1250 x 1250 mm	J86.2.3-3490	L

Phenolic cotton fabric laminate HGW 2082

Cotton fabric bakelite, laminate 1220, HGW 2082, NEMA C

**Phenolic cotton fabric laminate HGW 2082
sheet, brown**

thickness	± tolerance	format	article number	article status
2 mm	0,27 mm	1250 x 1350 mm	J87.2.4-1753	L
3 mm	0,34 mm	1250 x 1350 mm	J87.2.4-1754	L
5 mm	0,45 mm	1250 x 1350 mm	J87.2.4-1755	L
4 mm		1250 x 1350 mm	J87.2.4-1756	L
6 mm	0,50 mm	1250 x 1350 mm	J87.2.4-1757	L
8 mm	0,59 mm	1250 x 1350 mm	J87.2.4-1758	L
10 mm	0,68 mm	1250 x 1350 mm	J87.2.4-1759	L
12 mm	+1,52 mm	1250 x 1350 mm	J87.2.4-1760	L
16 mm		1250 x 1350 mm	J87.2.4-1761	L
20 mm	+2,12 mm	1250 x 1350 mm	J87.2.4-1762	L
25 mm	+2,48 mm	1000 x 1250 mm	J87.2.4-1763	L
30 mm	1,22 mm	1000 x 1250 mm	J87.2.4-1764	L
40 mm	1,45 mm	1000 x 1250 mm	J87.2.4-1765	L
50 mm	1,65 mm	1000 x 1250 mm	J87.2.4-1766	L
100 mm		500 x 1220 mm	J87.2.4-1767	L
150 mm		500 x 1220 mm	J87.2.4-1768	L

**Phenolic cotton fabric laminate HGW 2082
rod, brown**

Ø	length	article number	article status
10 mm	1 m	J87.3.4-1771	L
16 mm	1 m	J87.3.4-1772	L
20 mm	1 m	J87.3.4-1773	L
25 mm	1 m	J87.3.4-1774	L
30 mm	1 m	J87.3.4-1775	L
35 mm	1 m	J87.3.4-1776	L

Phenolic cotton fabric laminate HGW 2083

Cotton fabric bakelite, laminate HGW 2083, NEMA L

**Phenolic cotton fabric laminate HGW 2083
sheet, brown**

thickness	± tolerance	format	article number	article status
0,5 mm		1250 x 1350 mm	J88.2.4-2353	L
0,8 mm	0,13 mm	1250 x 1350 mm	J88.2.4-1769	L
1,0 mm		1250 x 1350 mm	J88.2.4-1770	L

Phenolic cotton fabric laminate HGW 2088

Cotton fabric bakelite, laminate 1269, HGW 2088, NEMA L

**Phenolic cotton fabric laminate HGW 2088
rod, brown**

Ø	± tolerance	length	article number	article status
5 mm	0,15 mm	1,22 m	J89.3.4-1777	L
6 mm	0,15 mm	1,22 m	J89.3.4-1778	L
8 mm	0,15 mm	1,22 m	J89.3.4-1779	L
9 mm	0,15 mm	0,5 m	J89.3.4-1780	L
10 mm	0,15 mm	1,22 m	J89.3.4-1781	L
12 mm	0,15 mm	1,22 m	J89.3.4-1782	L
15 mm	0,15 mm	1,22 m	J89.3.4-1783	L
16 mm	0,15 mm	1,22 m	J89.3.4-1784	L
25 mm	0,15 mm	1,22 m	J89.3.4-1785	L
30 mm	0,15 mm	0,82 m	J89.3.4-2025	L
40 mm	0,15 mm	1,22 m	J89.3.4-1963	L
50 mm	0,15 mm	1,22 m	J89.3.4-1964	L
60 mm	0,15 mm	0,82 m	J89.3.4-2026	L
80 mm	0,15 mm	0,82 m	J89.3.4-2027	L
100 mm	0,15 mm	1,22 m	J89.3.4-1786	L
110 mm	0,60 mm	0,58 m	J89.3.4-1787	L
125 mm	0,60 mm	0,58 m	J89.3.4-1788	L
135 mm	0,70 mm	0,58 m	J89.3.4-1789	L
150 mm	0,70 mm	0,58 m	J89.3.4-1790	L

Xylok, Xylok glass laminate

Xylok resin with woven glass fabric, density 1,8 g/cm³. Retains electrical and mechanical properties at temperatures up to 200 C.

Xylok glass laminate

Laminate available in sheet.

**Xylok glass laminate
sheet, green**

thickness	format	article number	article status
2 mm	610 x 1220 mm	J90.2.8-1791	L
3 mm	610 x 1220 mm	J90.2.8-1792	L
5 mm	610 x 1220 mm	J90.2.8-1793	L
6 mm	610 x 1220 mm	J90.2.8-1794	L
10 mm	610 x 1220 mm	J90.2.8-1795	L

Epoxy, epoxy laminates

Epoxy resins are thermosets of addition type, usually based on bisphenol A and epichlorhydrine. Typical properties include excellent electrical insulation, resistance to chemicals and corrosion, reasonably high temperature stability, good adhesion, and good mechanical properties. Stock shapes are based on epoxy laminates.

Epoxy glass fabric laminate G-10 FR-4

Epoxy glass fabric laminate G-10 FR-4 has a continuous service temperature of 150 C. Its flammability is low, UL94 V0. (EP GC 204, Hgw 2372.2)

Epoxy glass fabric laminate G-10 FR-4 sheet, green

thickness	± tolerance	ca weight	article number	article status
0,10 mm	0,02 mm		J91.2.8-1799	L
0,15 mm	0,025 mm		J91.2.8-1800	L
0,20 mm	0,04 mm	0,39 kg/m ²	J91.2.8-1796	L
0,25 mm	0,04 mm	0,49 kg/m ²	J91.2.8-1797	L
0,3 mm	0,05 mm	0,59 kg/m ²	J91.2.8-1798	L
0,4 mm	0,08 mm	0,78 kg/m ²	J91.2.8-1801	L
0,5 mm	0,10 mm	0,98 kg/m ²	J91.2.8-1802	L
0,8 mm	0,15 mm	1,56 kg/m ²	J91.2.8-1803	L
1,0 mm	0,20 mm	1,95 kg/m ²	J91.2.8-1804	L
1,55 mm		2,9 kg/m ²	J91.2.8-1805	L
2,0 mm	0,25 mm	3,9 kg/m ²	J91.2.8-1806	L
2,5 mm	0,30 mm	4,9 kg/m ²	J91.2.8-1807	L
3 mm	0,35 mm	5,9 kg/m ²	J91.2.8-1808	L
4 mm	0,45 mm	7,8 kg/m ²	J91.2.8-1809	L
5 mm	0,55 mm	9,8 kg/m ²	J91.2.8-1810	L
6 mm	0,60 mm	11,7 kg/m ²	J91.2.8-1811	L
8 mm	0,70 mm	15,6 kg/m ²	J91.2.8-1812	L
10 mm	0,80 mm	19,5 kg/m ²	J91.2.8-1813	L
12 mm	0,85 mm	23,4 kg/m ²	J91.2.8-1814	L
15 mm		29 kg/m ²	J91.2.8-1815	L
16 mm	1,00 mm	31 kg/m ²	J91.2.8-1816	L
20 mm	1,15 mm	39 kg/m ²	J91.2.8-1817	L
25 mm	1,25 mm	49 kg/m ²	J91.2.8-1818	L
30 mm	1,40 mm	58 kg/m ²	J91.2.8-1819	L
40 mm	1,60 mm	77 kg/m ²	J91.2.8-1820	L

**Epoxy glass fabric laminate G-10 FR-4
rod, wound, post pressed and grinded, green**

Ø	length	article number	article status
8 mm	1,22 m	J91.17.8-1821	L
12 mm	1,22 m	J91.17.8-1822	L
15 mm	1,22 m	J91.17.8-2354	L

**Epoxy glass fabric laminate G-10 FR-4
rod, turned from sheet, green**

Ø	± tolerance	article number	article status
6 mm	0,03 mm	J91.16.8-1823	L
8 mm	0,03 mm	J91.16.8-1824	L
10 mm	0,03 mm	J91.16.8-1825	L
12 mm	0,03 mm	J91.16.8-1826	L
15 mm	0,03 mm	J91.16.8-1827	L
20 mm	0,03 mm	J91.16.8-1828	L
25 mm	0,03 mm	J91.16.8-1829	L
30 mm	0,03 mm	J91.16.8-2355	L

Epoxy glass fabric laminate G-11

Laminate G-11 has somewhat higher use temperature (180C). (EP GC 203, Hgw 2372.4)

**Epoxy glass fabric laminate G-11
sheet, green-brown**

thickness	format	article number	article status
3 mm	1065 x 1155 mm	J92.2.28-1830	L
4 mm	1065 x 1155 mm	J92.2.28-2394	L
6 mm	1065 x 1155 mm	J92.2.28-1831	L
10 mm	1065 x 1155 mm	J92.2.28-1832	L

Epoxy laminate CAS761, antistatic

A black PCB solder pallet material, antistatic grade.

Epoxy laminate CAS761, antistatic sheet, black

thickness	format	ca weight	article number	article status
4 mm	1220 x 2440 mm	7,4 kg/m ²	J97.2.3-1940	L
5 mm	1220 x 2440 mm	9,3 kg/m ²	J97.2.3-2383	L
6 mm	1220 x 2440 mm	11,1 kg/m ²	J97.2.3-2384	L
8 mm	1220 x 2440 mm	14,8 kg/m ²	J97.2.3-1941	L
10 mm	1220 x 2440 mm	18,5 kg/m ²	J97.2.3-1942	L
12 mm	1220 x 2440 mm	22,2 kg/m ²	J97.2.3-2385	L

Epoxy laminate, copperclad

Epoxy glass fibre laminates, clad with copper one or two sides, different Cu layer thicknesses.

Epoxy laminate, copperclad sheet, green

thickness	format	type	article number	article status
0,8 mm	920 x 1220 mm	GE313/181	J107.2.8-2339	L
1,6 mm	920 x 1220 mm	GE313/181	J107.2.8-2340	L
0,8 mm	920 x 1220 mm	GE313/182	J107.2.8-2341	L
1,6 mm	920 x 1220 mm	GE313/182	J107.2.8-2342	L
1,6 mm	920 x 1220 mm	GE313/351	J107.2.8-2343	L
2,0 mm	920 x 1220 mm	GE313/351	J107.2.8-2344	L
2,4 mm	920 x 1220 mm	GE313/351	J107.2.8-2345	L
0,8 mm	920 x 1220 mm	GE313/352	J107.2.8-2346	L
1,6 mm	920 x 1220 mm	GE313/352	J107.2.8-2347	L
2,0 mm	920 x 1220 mm	GE313/352	J107.2.8-2348	L
2,4 mm	920 x 1220 mm	GE313/352	J107.2.8-2349	L

Silicone , silicone glass fabric laminate

Silicone glass fabric laminate G-7 has excellent electrical properties, low dielectric loss, high arc resistance and low water absorption. It has higher heat resistance than epoxies and is flame retarded to UL94 V0. It has a higher tendency to delamination than the epoxies.

Silicone glass fabric laminate G-7

(SI GC 202, Hgw 2572, NEMA G-7).

Silicone glass fabric laminate G-7 sheet, yellow-white

thickness	± tolerance	article number	article status
0,5 mm		J93.2.29-2395	L
0,8 mm	0,20 mm	J93.2.29-1833	L
1,0 mm	0,20 mm	J93.2.29-1834	L
1,5 mm	0,20 mm	J93.2.29-1835	L
2 mm	0,25 mm	J93.2.29-1836	L
2,5 mm		J93.2.29-2396	L
3 mm	0,35 mm	J93.2.29-1837	L
4 mm	0,45 mm	J93.2.29-1838	L
5 mm	0,55 mm	J93.2.29-1839	L
6 mm	0,60 mm	J93.2.29-1840	L
8 mm	0,70 mm	J93.2.29-1841	L
10 mm	0,80 mm	J93.2.29-1842	L
12 mm	0,85 mm	J93.2.29-1843	L
16 mm	1,00 mm	J93.2.29-1844	L
20 mm	1,15 mm	J93.2.29-1845	L
25 mm	1,25 mm	J93.2.29-1846	L

Polyimide, polyimide glass fabric laminate

Polyimide-glass fabric laminate has a high service temperature. It has excellent mechanical properties, fair electrical properties, but has poor hydrolytic stability.

Polyimide glass fabric laminate

(PI GC 301).

**Polyimide glass fabric laminate
sheet, brown**

thickness	± tolerance	article number	article status
1,0 mm	0,23 mm	J94.2.4-1847	L
1,5 mm	0,27 mm	J94.2.4-1848	L
2,0 mm	0,29 mm	J94.2.4-1849	L
3,0 mm	0,36 mm	J94.2.4-1850	L
4,0 mm	0,42 mm	J94.2.4-1851	L
6,0 mm	0,60 mm	J94.2.4-1852	L
8,0 mm	0,72 mm	J94.2.4-1853	L
10,0 mm	0,82 mm	J94.2.4-1854	L

Polyester , polyester glass roving laminate

Unsaturated polyesters have found wide use. They are cheap and simpler technical laminates with good mechanical and electrical properties. Polyester glass roving laminate GPO 3 has high tracking resistance, low flammability (UL94 V0) and can continuously withstand 155 C.

Polyester glass roving laminate GPO 3

NEMA GPO 3, HGW 2471, EN UP GM 203, format ca 1220 x 2040 mm

Polyester glass roving laminate GPO 3 sheet, red

thickness	± tolerance	article number	article status
1,0 mm	0,23 mm	J95.2.20-1855	L
1,6 mm	0,23 mm	J95.2.20-1856	L
2 mm	0,25 mm	J95.2.20-1857	L
3 mm	0,35 mm	J95.2.20-1858	L
4 mm	0,40 mm	J95.2.20-1859	L
5 mm	0,55 mm	J95.2.20-1860	L
6 mm	0,60 mm	J95.2.20-1861	L
8 mm	0,70 mm	J95.2.20-1862	L
10 mm	0,80 mm	J95.2.20-1863	L
12 mm	0,90 mm	J95.2.20-1864	L
16 mm	1,10 mm	J95.2.20-1865	L

Catalogue index: K

Si-rubber, Silicone rubber

VMQ acc ISO 1629

Si-rubber LEP 601T

Shore 60 A

Si-rubber LEP 601T
sheet, one side adhesive, transparent, slight haze

thickness	roll width	article number	article status
2 mm	1200 mm	K108.20.23-2376	L