

Product Availability-Mechanicals

MECHETEC® ACETALS		Diameters (R)	Thicknesses (P)
Acetal H	Delrin 150 Acetal Homopolymer (POM-H)	0.25" – 6.0"	0.250" – 3.0"
Acetal H BK	Black Delrin 150 Acetal Homopolymer (POM-H)	0.25" – 6.0"	0.250" – 3.0"
Acetal C	Acetal Copolymer (POM-C)	0.25" – 10.0"	0.250" – 4.0"
Acetal C BK	Black Acetal Copolymer (POM-C)	0.25" – 10.0"	0.250" – 4.0"
Acetal H Lf-13	13% PTFE Powder filled Homopolymer (POM-H)	0.25" – 6.0"	0.250" – 3.0"
Delrin 100AF-13	13% PTFE Fiber Filled Homopolymer (POM-H)	0.25" – 6.0"	0.250" – 3.0"
Delrin DE-588	U.S. NAVY use only	0.25" – 6.0"	0.250" – 3.0"
Acetal esd	Static Dissipative Copolymer (POM-C)	0.25" – 3.0"	0.250" – 2.0"

MECHETEC® NYLONS		Diameters (R)	Thicknesses (P)
Nylon 6/6	Natural and Black Type 6/6 Nylon, Unfilled	0.250" – 6.0"	0.250" – 2.0"
Nylon Ld	MoS ₂ filled Type 6/6 Nylon	0.250" – 4.0"	0.250" – 2.0"
Nylon Im	Type 6/12 Nylon, Unfilled	0.250" – 5.0"	0.250" – 2.0"
Nylon Rg-30	30% Glass Fiber Filled Type 6/6 Nylon	0.375" – 4.0"	0.375" – 4.0"
Nylon im	Modified Type 6/6 Nylon (ST-801)	0.250" – 4.0"	0.250" – 2.0"

MECHETEC® HIGH PERFORMANCE		Diameters (R)	Thicknesses (P)
PC	Polycarbonate, Natural and Black	0.375" – 8.0"	0.25" – 4.0"
PC Rg-20	20% Glass Fiber Filled Polycarbonate PET,	0.500" – 8.0"	0.25" – 4.0"
PET	Polyethylene Terephthalate	0.375" – 6.0"	0.25" – 4.0"
PPO	PPO, Polyphenylene Oxide and Styrene	0.375" – 8.0"	0.25" – 4.0"
PPO Rg-30	30% Glass Fiber Filled PPO	0.375" – 8.0"	0.25" – 4.0"
PVDF	740 and 1010 Grade	0.25" – 5.0"	0.25" – 2.0"
PEI	PEI, Polyether-imide	0.375" – 8.0"	0.25" – 4.0"
PEI Rg	Glass Fiber Filled PEI	0.500" – 8.0"	0.375" – 4.0"
PSU	Polysulfone	0.375" – 8.0"	0.25" – 4.0"
PEEK	PEEK, Polyetheretherketone, Natural and Black	0.375" – 4.0"	0.25" – 2.5"
PEEK Rg-30	30% Glass Fiber Filled PEEK	0.50" – 2.75"	0.25" – 2.5"
PEEK C30	30% Carbon Fiber Filled PEEK	0.50" – 2.0"	0.25" – 2.0"
PEEK L	PEEK, Bearing and wear grade	0.375" – 4.0"	0.25" – 2.5"

PRODUCT NOTES

- Custom cutting, grinding (rod), and planing (sheet) services are available upon request.
- Custom extruded materials and stock shape sizes are available upon request.
- Certain products listed are non-stock and may require minimum order quantities and/or mfg. lead times.

Standard Sizes and Tolerances

EXTRUDED ROD	Diameter	Tolerance	Lengths
Standard extruded rod diameters: 0.250" to 0.625" 1/16" increments 0.625" to 3.000" 1/8" increments 3.000" to 5.000" 1/4" increments 5.000" to 10.000" 1/2" increments	0.250" to 1.000"	+0.003"/-0.000"	10 ft.
	>1.000" to 2.000"	+0.005"/-0.000"	10 ft.
	>2.000" to 2.750"	+0.015"/-0.000"	10 ft.
	>2.750" to 4.000"	+0.250"/-0.000"	10 ft.
	4.250" to 6.000"	+0.250"/-0.000"	5 ft., 10 ft.
	6.500" to 10.000"	+0.250"/-0.000"	4 ft.

Notes: All extruded rods 2.875" and less are supplied with a ground finish
 All extruded rod lengths are supplied oversize.
 Maximum length for annealed rods is 12 ft.
 Rods up to 3.000" can be ground to any intermediate diameter. Please call for price & delivery.
 Intermediate and over-length extruded rod lengths quoted upon request. Minimum quantities may apply.

EXTRUDED PLATE	Thickness	Tolerance	Widths	Lengths
Standard extruded plate thicknesses: 0.250" to 1.000" 1/8" increments 1.000" to 3.000" 1/4" increments 3.000" to 4.000" 1/2" increments	0.25" to 1.000"	+0.025"/-0.000"	24"	48"
	1.250" to 2.000"	+0.060"/-0.000"	24"	48"
	2.250 to 4.000"	oversized to finish	24"	48"

Notes:
 Width/Length Tolerance: +.250"/-0.000"
 Please call for price & delivery. Non-standard plate sizes quoted upon request. Minimum order quantities may apply.
 All extruded plate products are sold with an "as extruded" finish. Custom planning is available for an additional charge.



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