



NYTEF Plastics

Product Availability

ACETALS		Diameters (R)	Thicknesses (P)	Other Shapes
Unital® H	Delrin® 150 Acetal Homopolymer (POM)	0.25" – 6.0"	0.031" – 3.0"	Hex & Square Rod
Unital H BK	Black Delrin 150 Acetal Homopolymer	0.25" – 6.0"	0.031" – 2.0"	Hex & Square Rod
Unital C	Acetal Copolymer (POM)	0.25" – 12.0"	0.188" – 5.0"	Hex & Square Rod
Unital C BK	Black Acetal Copolymer (POM)	0.25" – 8.0"	0.188" – 4.0"	Hex & Square Rod
Unital Lf-13	13% PTFE Powder filled Homopolymer	0.25" – 6.0"	0.250" – 3.0"	
Delrin 100AF-13	13% PTFE Fiber Filled Homopolymer	0.25" – 6.0"	0.031" – 3.0"	
Delrin DE-588	U.S. NAVY use only	1.00" – 6.0"	0.375" – 2.0"	Tubular Bar
Unital esd	Static Dissipative Copolymer	0.25" – 2.5"	0.250" – 2.0"	

EXTRUDED NYLONS		Diameters (R)	Thicknesses (P)	Other Shapes
Unipa® 6/6	Natural Type 6/6 Nylon, Unfilled	0.250" – 6.0"	0.031" – 2.0"	Hex & Square Rod
Unipa BK	Black Type 6/6 Nylon, Unfilled	0.250" – 4.0"	0.031" – 2.0"	Hex & Square Rod
Unipa Ld	MoS ₂ filled Type 6/6 Nylon	0.250" – 4.0"	0.031" – 2.0"	Hex & Square Rod
Unipa Im	Type 6/12 Nylon, Unfilled	0.250" – 5.0"	0.031" – 2.0"	
Unipa Rg-30	30% Glass Fiber Filled Type 6/6 Nylon	0.375" – 6.0"	---	
Unipa Rk	Kevlar® Fiber Filled Type 6/6 Nylon	0.375" – 8.0"	0.250" – 2.0"	
Unipa im	Impact Modified Type 6/6 Nylon (ST-801)	0.250" – 4.0"	0.250" – 2.0"	

CAST NYLONS		Diameters (R)	Thicknesses (P)	Other Shapes
Unipa M	Natural Type 6 Cast Nylon	2.0" – 13.0"	0.250" – 4.0"	Tubular Bar
Unipa MLd	MoS ₂ filled Type 6 Cast Nylon	2.0" – 13.0"	0.250" – 4.0"	Tubular Bar
Unipa Mh	Heat Stabilized Type 6 Cast Nylon	2.0" – 13.0"	0.250" – 4.0"	Tubular Bar
Unipa Mlo	Oil Filled Type 6 Cast Nylon	2.0" – 13.0"	0.250" – 4.0"	Tubular Bar
Unipa MRg-30	30% Glass Fiber Filled Type 6 Cast Nylon	2.0" – 12.0"	0.375" – 4.0"	

HIGH PERFORMANCE MATERIALS		Diameters (R)	Thicknesses (P)	Other Shapes
Unicar® PC	Polycarbonate	0.375" – 8.0"	0.25" – 4.0"	Tubular Bar
Unicar Rg-20	20% Glass Fiber Filled Polycarbonate	0.375" – 8.0"	0.25" – 4.0"	Tubular Bar
Unilate® PBT	PBT, Polybutylene Terephthalate	0.375" – 6.0"	0.25" – 4.0"	Tubular Bar
Unipet® PET	PET, Polyethylene Terephthalate	0.375" – 6.0"	0.25" – 4.0"	Tubular Bar
Uninor® PPO BK	PPO, Polyphenylene Oxide and Styrene	0.375" – 8.0"	0.25" – 4.0"	Tubular Bar
Uninor Rg-30	30% Glass Fiber Filled PPO	0.375" – 8.0"	0.25" – 4.0"	Tubular Bar
Uninar® PVDF	PVDF, Type 740 Grade Fluoropolymer	0.375" – 8.0"	0.25" – 4.0"	Tubular Bar
Unitem® PEI	PEI, Polyether-imide	0.375" – 8.0"	0.25" – 4.0"	Tubular Bar
Unitem Rg	Glass Fiber Filled PEI	0.375" – 8.0"	0.25" – 4.0"	Tubular Bar
Unifone® PSU	Polysulfone	0.375" – 8.0"	0.25" – 4.0"	Tubular Bar
Unitron® PPS	PPS, Polyphenylene Sulfide	0.375" – 2.0"	0.25" – 2.0"	Tubular Bar
Unitrex® PEEK	PEEK, Polyetheretherketone	0.375" – 3.25"	0.25" – 2.5"	Tubular Bar
Unitrex Rg-30	30% Glass Fiber Filled PEEK	0.5" – 2.75"	0.25" – 2.0"	Tubular Bar
Unitrex Rc-30	30% Carbon Fiber Filled PEEK	0.5" – 2.0"	0.25" – 2.0"	Tubular Bar

PRODUCT NOTES

- Tubular bar is available with I.D.'s ranging from 2.0"-14.0" and O.D.'s ranging from 4.0"-15.0".
- Specialty materials are available in custom extruded rod up to 15.0" diameter.
- 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.

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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 10.000" to 12.000" 1" increments	0.250" to 1.000"	+ .003"/-.000"	8 ft., 10 ft.
	1.125" to 1.750"	+ .005"/-.000"	8 ft., 10 ft.
	1.875" to 2.000"	+ .010"/-.000"	8 ft., 10 ft.
	2.125" to 2.500"	+ .015"/-.000"	8 ft., 10 ft.
	2.625" to 2.875"	+ .060"/-.000"	8 ft., 10 ft.
	3.000" to 4.000"	oversize to finish	8 ft., 10 ft.
	4.250" to 12.000"	oversize to finish	4 ft., 8 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 0.375" 1/16" increments 0.375" to 1.000" 1/8" increments 1.000" to 3.000" 1/4" increments 3.000" to 5.000" 1/2" increments	0.062", 0.094"	+ .005"/-.005"	24"	48"
	0.125"	+ .010"/-.010"	24"	48"
	0.188"	+ .025"/-.025"	24"	48"
	0.250 to 1.000"	+ .025"/-.000"	12", 24"	12", 24", 48"
	1.250" to 2.000"	+ .060"/-.000"	12", 24"	12", 24", 48"
	2.250" to 5.000"	oversize to finish	12", 24"	12", 24", 48"

Notes: Width/Length Tolerance: +.250"/-.000"
 0.250" to 1.000" thick Natural and Black Copolymer Acetal, Delrin® 150 and Type 6/6 Nylon plates are also stocked 24"x96".
 0.375" to 1.5" thick Natural and Black Copolymer Acetal plates are also stocked 48"x96".
 Plate 0.375" and thicker and up to 24" wide can be planed to intermediate thicknesses. 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.

CAST NYLON ROD

Diameter	Tolerance	Lengths
2.000" to 3.000"	oversize to finish	10 ft.
3.250" to 9.000"	oversize to finish	4 ft.
10.000" to 13.000"	oversize to finish	2 ft.

Standard cast nylon rod diameters:
 2.000" to 5.000" 1/4" increments
 5.000" to 9.000" 1/2" increments
 9.000" to 13.000" 1" increments

Notes: All rod lengths are supplied oversize.
 Larger diameters are available on a custom basis.
 Minimum order quantities may apply.

CAST NYLON PLATE

Thickness	Tolerance	Widths/Lengths
0.250" to 4.000"	oversize to finish	24" / 48"
0.375" to 1.500"	oversize to finish	48" / 96"

Standard cast nylon plate thicknesses:
 0.250" to 1.000" 1/8" increments
 1.000" to 4.000" 1/4" increments

Notes: Width/length tolerances: +.250"/-.000"
 All cast nylon plate products are sold with an 'as cast' finish.

HEX AND SQUARE ROD

Stock Size	Tolerance	Lengths
0.250" to 1.250"	+ .000"/-.005" across flats	8 ft., 10 ft.

Note: Standard hex and square rod sizes are:
 0.250" to 0.625" 1/16" increments
 0.625" to 1.250" 1/8" increments

RECTANGULAR BAR

Stock Size	Thickness/Widths	Lengths
0.25" to 4.0"	1" to 6"	4 ft., 8 ft.

Thickness/Width Tolerance: +.025"/-.000"

Note: Rectangular bar is custom cut to the customer's requirements.