

## Who We Are:

SWM, now part of Mativ, is a leading global performance materials company. We use resins and polymers to provide essential solutions that enhance product performance and help our customers win in a variety of industries and applications. For further information, please visit our web site at [swmintl.com/tube-rod-pipe](http://swmintl.com/tube-rod-pipe) or [mativ.com](http://mativ.com).

## What is Coretec Tube, Rod, & Pipe:

- Specialty profile extrusion products of high-performance materials, including engineering-grade thermoplastics and fluoropolymers, featuring:
  - Tube
  - Rod
  - Pipe
  - Closed profiles
- Specialty Resins:
  - Chemical resistant
  - High temperature
  - High purity
  - World class quality
- Over 500 custom SKUs sold annually
- Custom oriented, but stock programs also available



### Typical Coretec Markets and Applications

- Agriculture - components, housings, hose, pipe, sight gauges
- Building & construction - liners, cable protection, covers, gauges, handles, pipe, rollers, valves
- Electronics - housings, insulators, liners, wire covers, seals, gaskets
- Energy (nuclear, renewables, wind, oil & gas) - cable wrap, liners, gauges, valves
- Food & beverage - connections, containers, gauges, valves
- Healthcare (medical & pharmaceutical) - hose, fittings, housings, tubing, laboratory & diagnostic equipment
- Industrial & Manufacturing - components, unit conveying, tubing
- Transportation - insulators, liners, relays, wire covers



## Custom Extrusions:

### Material

- Over 25 types of materials - see page 2 for details

### Colors & Sizes

- Variety of color options with ability to match Pantone colors
- Rod 0.039" - 3" diameter
- Tube 0.062" - 12.75" O.D.
- Pipe 1/8" Schedule 40 - 12" Schedule 80
- Cap strip & weld rod

## Standard Coretec Stock Materials:

### Tube

- Perfluoroalkoxy (PFA)
- Fluorinated Ethylene Propylene (FEP)
- Polyvinylidene Fluoride (PVDF) Tube
- Polycarbonate (PC)
- Polyetheretherketone (PEEK)
- FEP Lined Polyethylene

### Rod

- Perfluoroalkoxy (PFA)
- Fluorinated Ethylene Propylene (FEP)
- Polychlorotrifluoroethylene (PCTFE)
- Ethylene Tetrafluoroethylene (ETFE)
- Weld Rod (ETFE, FEP, PFA, PVDF)

### Pipe

- Polyvinylidene Fluoride (PVDF) Sch. 80
- Polypropylene (PP) Sch. 80 & 40

### Bushing Stock

- Acetal Homopolymer
- Polyetheretherketone (PEEK)

### Cap Strip Natural

- ECTFE, ETFE, FEP, PFA, PVDF

### Contact Info:

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### What You Need to Get a Quote:

#### 1. Dimensions:

- I.D. (Inside Diameter) & O.D. (Outside Diameter)
- Wall I.D. & thickness

#### 2. Material Requirements:

- Temperature
- Chemical
- Pressure load
- Certifications
- Color - is a match needed
- Volume
- Length
- Target pricing (if available)

Available Materials * Stock sizes available	Tube	Rod	Pipe	Min O.D. Inches (cm)	Max O.D. Inches (cm)	Max Continuous Service Temperature °F (°C)	Chemical Resistance	Strength	FDA Approval
ABS - Acrylonitrile Butadiene Styrene	X		X	0.125" (0.32cm)	4.5" (11.4cm)	176°F (80°C)	X	X	
ACETAL (Delrin® or Celcon®) - Homopolymer	X		X	0.125" (0.32cm)	3" (7.6cm)	180°F (82°C)		X	
CAB - Cellulose Acetate Butyrate	X		X	0.0625" (0.15cm)	6" (15.2cm)	374°F (190°C)	X	X	X
ECTFE (Halar®) - Ethylene Chlorotrifluoroethylene	X	X	X	0.125" (0.32cm)	8" (20.3cm)	300°F (149°C)	X	X	
ETFE (Tefzel®) - Ethylene Tetrafluoroethylene	X	X*	X	0.125" (0.32cm)	8" (20.3cm)	300°F (149°C)		X	
FEP (Teflon®) - Fluorinated Ethylene Propylene	X*	X*	X	0.125" (0.32cm)	8" (20.3cm)	400°F (204°C)	X		X
MFA - Tetrafluoroethylene Perfluoromethylvinylether	X	X	X	0.125" (0.32cm)	8" (20.3cm)	450°F (232°C)	X		
PBT - Polybutylene Terephthalate	X		X	0.125" (0.32cm)	6" (15.2cm)	140°F (60°C)	X	X	X
PC - Polycarbonate	X*		X	0.375" (0.95cm)	8" (20.3cm)	250°F (121°C)		X	X
PC (Lexan™) - Polycarbonate	X*		X	0.118" (0.3cm)	12" (30.5cm)	200°F (93°C)		X	
PCTFE - Polychlorotrifluoroethylene		X*		0.125" (0.32cm)	3" (7.6cm)	325°F (163°C)	X		X
PE - Polyethylene (HDPE, MDPE, LDPE)	X		X	0.25" (0.64cm)	0.625" (1.6cm)	264°F (129°C)		X	X
PEEK - Polyetheretherketone	X*		X	0.0625" (0.15cm)	6" (15.2cm)	480°F (249°C)	X	X	
PEEK (Victrex®) - Polyetheretherketone			X	0.0625" (0.15cm)	6" (15.2cm)	752°F (400°C)	X	X	
PEI (Ultem®) - Polyetherimide	X		X	0.125" (0.32cm)	6" (15.2cm)	325°F (162°C)	X	X	X
PET - Polyethylene Terephthalate	X		X	0.125" (0.32cm)	8" (20.3cm)	266°F (130°C)		X	X
PETG - Polyethylene Terephthalate Glycol	X		X	0.25" (0.64cm)	8.6" (21.8cm)	230°F (110°C)	X		X
PFA (Teflon®) - Perfluoroalkoxy	X*	X*	X	0.125" (0.32cm)	8" (20.3cm)	500°F (260°C)	X	X	
PFA HP (Teflon®) - High Purity Perfluoroalkoxy	X	X	X	0.125" (0.32cm)	8" (20.3cm)	500°F (260°C)	X	X	
PSU - Polysulfone Polymer	X		X	0.125" (0.32cm)	10" (25.4cm)	300°F (149°C)	X	X	X
PP - Polypropylene	X		X*	0.125" (0.32cm)	12.75" (32.4cm)	212°F (100°C)	X	X	X
PPO (Noryl®) - Polyphenylene Oxide + Styrene	X		X	0.125" (0.32cm)	6" (15.2cm)	194°F (90°C)		X	
PPSU (Radel® R) - Polyphenylsulfone	X		X	0.125" (0.32cm)	6" (15.2cm)	392°F (200°C)	X		
PVDF (Kynar® or Solef®) - Polyvinylidene Fluoride	X*		X*	0.125" (0.32cm)	12.75" (32.4cm)	470°F (243°C)	X	X	X
TPC-ET (Hytre®) - Thermoplastic Polyester Elastomer	X		X	0.25" (0.64cm)	5" (12.7cm)	500°F (260°C)	X	X	