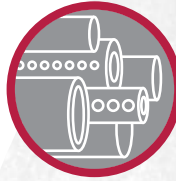




*At SWM International, we specialize in the extrusion of high-performance materials, including engineering-grade thermoplastics and fluoropolymers. Our profile extrusion line offers a unique range of products suitable for applications in a variety of harsh environments.*



# Coretec



*Rod, Pipe, Tube, and  
Open Profile Extrusions*



**SWM** manufactures an extensive line of **Coretec™** profile extrusion products. Our high-end tubing, rods, pipes, and open-profile shapes are designed to meet aggressive requirements related to temperature, chemicals, moisture, and other extremes. We produce a range of stock items, as well as customized solutions, and we pride ourselves in our ability to offer unmatched products and services to demanding industries.

**Coretec**

[www.swmintl.com](http://www.swmintl.com)

## Regulatory Requirements

- FDA Compliant
- NSF Approvable
- ROHS Compliant
- UL Rated
- USP Class VI

## Flexibility to Meet Varied Customer

**Needs** SWM recognizes the value of providing customized solutions to our partners. We build relationships with both our customers and our suppliers to ensure that we offer the best quality and service. We stay current on high-performance material issues to aid in product selection. We offer same-day shipments, drop shipments, and stocking agreements, as well as product customization per application. We strive to maintain high quality and achieve customer satisfaction with every order.



*SWM International manufactures an extensive collection of fractional tubing, in multiple materials and colors.*

## Performance Requirements

- Abrasion Resistance
- Chemical Resistance
- Chemically Inert
- Excellent Clarity
- Low Coefficient of Friction
- High Dielectric Strength
- Dimensional Stability
- Electrical Properties
- Low Extractables
- Flame Resistance
- High Impact Strength
- High Mechanical Strength
- Low Moisture Absorption
- High Purity
- Steam Resistance
- Thermal Stability
- Excellent Weatherability

## Engineering-Grade Thermoplastics

Resin	Minimum Outside Diameter	Maximum Outside Diameter
Acetal	1/8" (0.3 cm)	3" (8 cm)
PPO (NORYL® brand)	1/8" (0.3 cm)	6" (15 cm)
Polyetheretherketone (PEEK™ brand)	1/16" (0.15 cm)	6" (15 cm)
Polycarbonate (LEXAN® brand)	1/8" (0.3 cm)	12" (30 cm)
Polypropylene	1/8" (0.3 cm)	12.75" (32 cm)
Polysulfone	1/8" (0.3 cm)	10" (25 cm)
Polyphenylsulfone (RADEL®R brand)	1/8" (0.3 cm)	6" (15 cm)
Polyetherimide (ULTEM® brand)	1/8" (0.3 cm)	6" (15 cm)



*High performance PEEK Coretec pipes and tubes are available in a wide range of diameters and wall thicknesses.*

## Fluoropolymers

Resin	Minimum Outside Diameter	Maximum Outside Diameter	Maximum Temperature
ECTFE (HALAR® brand)	1/8" (0.3 cm)	8" (20 cm)	300°F (149°C)
ETFE (TEFZEL® brand)	1/8" (0.3 cm)	8" (20 cm)	300°F (149°C)
FEP (TEFLON® brand)	1/8" (0.3 cm)	8" (20 cm)	400°F (204°C)
PCTFE	1/8" (0.3 cm)	3" (8 cm)	325°F (163°C)
PFA (TEFLON® brand)	1/8" (0.3 cm)	8" (20 cm)	500°F (260°C)
PVDF (KYNAR® & SOLEF® brands)	1/8" (0.3 cm)	12.75" (32 cm)	250°F (121°C)

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