

Industrial Line Card

ZEUS OFFERS

- Technical Z-team
- Sample Program for Prototyping
- Quick Quote (24 Hours)
- Reduced Lead Times
- Large Inventory
- Material Analysis
- Material Modification
- Focused Research Team

CORE EXTRUDED RESINS

260°C (500°F):

PTFE, PEEK, PFA, and HP PFA

204°C (400°F):

FEP

150°C (302°F):

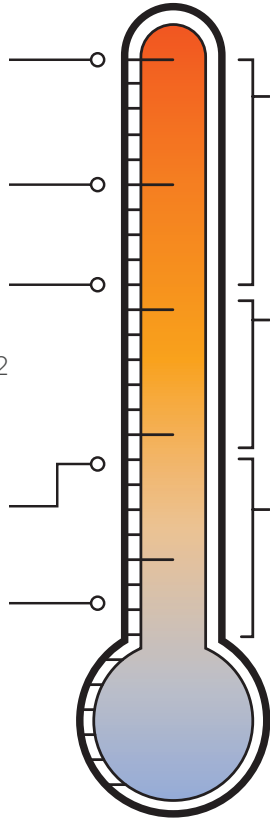
ETFE, PVDF, ECTFE, Nylon 6/6, and Nylon 12

80°C (176°F):

Nylon 11

53°C (130°F):

HDPE, LDPE



High-Performance:

- Excellent Chemical Resistance
- High Strength to Weight Ratio
- High Continuous Temperature
- Great Electrical Properties
- Low Coefficient of Friction

Engineering:

- Moderate Temperature Resistance
- Good Chemical Resistance
- Good Strength

Standard:

- Good Electrical Properties
- Low Water Absorption
- Lower Cost

Products Meeting Military Specifications:

ASTM D 3295, AMS 3653 Mil-I-22129
PTFE: Extruded Tubing Standard Wall

ASTM D 3295, AMS 3655
PTFE: Extruded Tubing Thin Wall

ASTM D 3295 OR AMS 3654
PTFE: Extruded Tubing Lightweight Wall

ASTM D 3296
FEP: Extruded AWG Tubing Lightweight & Standard Wall

ASTM D 3296
FEP: Extruded Fractional Tubing

AS23053/12
PTFE: Heat Shrink

AS23053/11
FEP: Heat Shrink

ASTM D 3295
PTFE: Spiral Wrap

ASTM D 3295
PTFE: Beading/Monofilament

CORE PRODUCTS

Advanced Products:

- Aeos™ ePTFE - Porous Products
- Custom Profiles
- Optical Fiber (PEEK, PFA, FEP, etc.)
- Engineered Surface Tubing

Drawn Fiber:

- PEEK, PVDF, FEP, ETFE, etc.
- Custom Shapes
- Custom Sizes/Tolerances

Extruded Tubing:

- Various Resins
- AWG
- Heavy Wall
- Industrial Wall
- Heavy Construction
- Metric
- Co-Extrusions

- Monofilament (OD)
- Lay-Flat™ Tubing
- Spiral Wrap
- Custom Sizes
- Convuluted Tubing
- Double Containment

Heat Shrink:

- PTFE - 2:1 & 4:1
- PTFE Sub-Lite-Wall®
- FEP - 1.3:1, 1.6:1, and 2:1
- FEP LayFlat® & Roll Covers
- PEEKshrink™
- Dual-Shrink™
- Low-Temp Dual-Shrink™
- PFA & ETFE - Custom

- Standard, AWG, Fractional, Metric
- Custom Sizes/Ratios

Insulated Wire:

- PEEK - 260°C
- Co-extrusions
- Custom Shapes

Secondary/Value Add:

- Convoluting Flaring
- Flanging
- Skiving
- Pad Printing
- Etching
- Laser Marking
- Spiral Cutting
- Parts Sub-Assembly

