

Industrial Line Card

Aerospace | Automotive | Energy | Fiber Optics | Fluid Management

CORE EXTRUDED RESINS

260°C (500°F):

- PTFE, PEEK, PFA & HP PFA

204°C (400°F):

- FEP

150°C (302°F):

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

145°C (293°F):

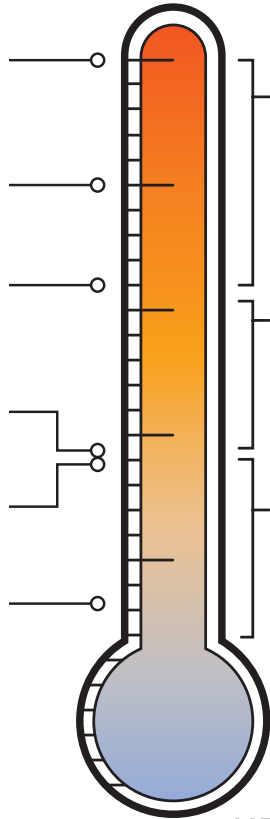
- PET

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

CORE PRODUCTS

ADVANCED PRODUCTS:

- Aeos™ ePTFE - Porous Products
- Custom Profiles
- Coated 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
- Convoluted Tubing
- Double Containment

HEAT SHRINK:

- PTFE - 2:1 & 4:1
- PTFE Sub-Lite-Wall®
- FEP - 1.3:1 & 1.6:1
- FEP LayFlat® & Roll Covers
- PEEKshrink™
- Dual-Shrink™
- PFA & ETFE - Custom
- PET Lay-Flat™
- 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

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

OUR PRODUCTS MEET THE FOLLOWING 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

AS-81914/1 Type 1

PTFE: Convoluted Tubing Standard Flex

AS-81914/2 Type 1

PTFE: Convoluted Tubing Extra Flex

AS-81914/3 Type 1

FEP: Convoluted Tubing Standard Flex

AS-81914/4 Type 1

FEP: Convoluted Tubing Extra Flex

AS-81914/5 Type 1

ETFE: Convoluted Tubing Extra Flex

AS-81914/6 Type 1

ETFE: Convoluted Tubing Standard Flex

ASTM D 3295

PTFE: Spiral Wrap

ASTM D 3295

PTFE: Beading/Monofilament

