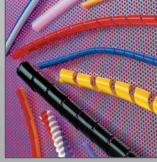


# HIGH PERFORMANCE POLYMERS:

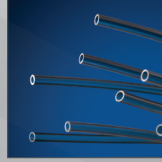
Meeting and Exceeding Military Specifications

## PTFE



- Continuous Service Temperature: 500 °F/260 °C
- High Temperature Thermoset with Low Flammability
- Utilized as Conduit Liners, Sleeving, Spiral Cut for Wire Bundles, or Custom Profile Extrusions
- Chemical Resistance
- Excellent Insulator
- UL-VO-94 Rated
- FAR 25.853 (a)

## PFA



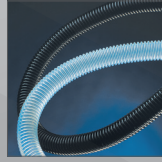
- Continuous Service Temperature: 500 °F/260 °C
- Exceptionally Clear High-temperature Thermoplastic Utilized in Lighting System Design and Critical Fluid Handling Environments
- Optically Clear
- UL-VO-94 Rated
- FAR 25.853 (a)

## ETFE



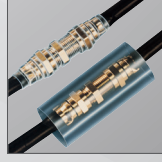
- Continuous Service Temperature: 302 °F/150 °C
- Great Crush Resistance
- Resistance to Chemicals and Corrosion
- UL-VO-94 Rated
- FAR 25.853 (a)

## FEP



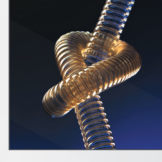
- Continuous Service Temperature: 400 °F/204 °C
- Performance Thermoplastic with Low Flammability
- Serves as Wiring Insulation, Conduit Liners, or Heat-Shrinkable Coating
- Heat Shrink, Convoluted, Customized Sizes
- UL-VO-94 Rated
- FAR 25.853 (a)

## PTFE/FEP

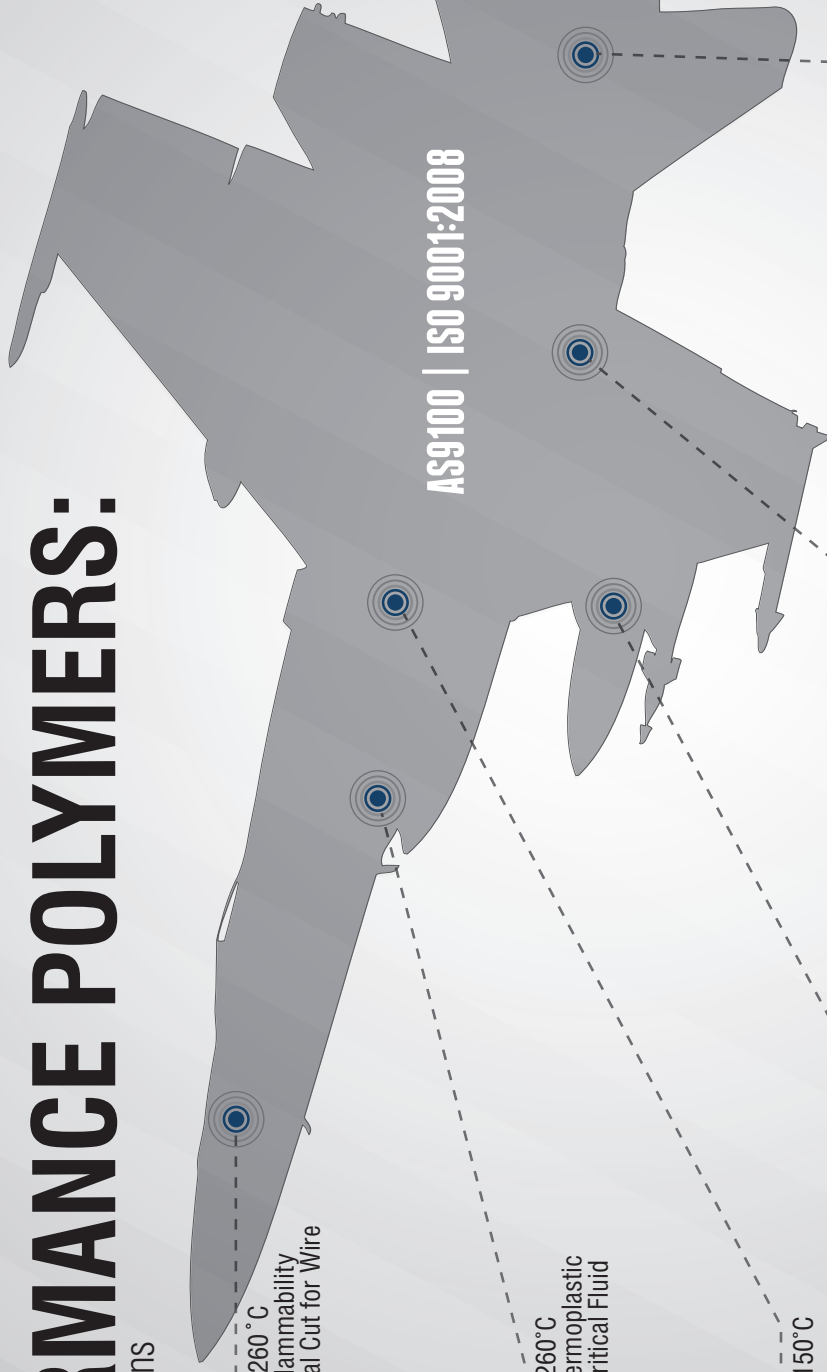


- Custom Dual Walled Heat-Shrink Offering a Tight, Moisture-Proof, Encapsulation to Protect Critical Connections
- Excellent Insulator
- UL-VO-94 Rated
- FAR 25.853 (a)

## PEEK



- Continuous Service Temperature: 500 °F/260 °C
- Abrasion Resistant Thermoplastic that Performs in Extreme Temperatures and Hostile Environments
- Chemical Resistance
- Convoluted and PEEKshrink®
- UL-VO-94 Rated
- FAR 25.853 (a)



AS9100 | ISO 9001:2008

**SYSTEM INTEGRATIONS: LIGHTING  
SENSORS  
ELECTRONICS**

**CONDUITS  
HYDRAULICS  
FUEL**

**ZEUS**  
VISIONARIES OF POLYMER SCIENCE

## MILITARY SPECIFICATIONS | RESIN | DESCRIPTION/CLASS

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, AMS 3654	PTFE	Extruded Tubing Lightweight Wall
ASTM D 3295	PTFE	Beading/Monofilament
ASTM D 2116	FEP	Extruded Tubing Standard/Lightweight Wall
AMS-DTL-23053/12	PTFE	Heat Shrink
AMS-DTL-23053/11	FEP	Heat Shrink
AMS-T-81914/1 Type 1	PTFE	Convuluted Tubing Standard Flex
AMS-T-81914/2 Type 1	PTFE	Convuluted Tubing Extra Flex
AMS-T-81914/3 Type 1	FEP	Convuluted Tubing Standard Flex
AMS-T-81914/4 Type 1	FEP	Convuluted Tubing Extra Flex
AMS-T-81914/5 Type 1	ETFE	Convuluted Tubing Extra Flex
AMS-T-81914/6 Type 1	ETFE	Convuluted Tubing Standard Flex
ASTM D 3295	PTFE	Spiral Wrap

# MILITARY SPECIFICATIONS GUIDE

Capitalizing on more than 40 years of polymer experience, Zeus continues to provide superior products that exceed or meet military specifications. To evaluate samples or request a quote, contact one of our technical account managers.



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