



Product Guide

Aerospace Product Guide

Exceeding Expectations

At Zeus, we have dedicated over 50 years to building products that meet military specifications and having a global supply chain that enables us to exceed delivery expectations.

To evaluate samples or request a quote, contact one of our technical account managers. Zeus is AS9100 | ISO 9001: certified.

For more information on our capabilities beyond what's listed here, contact us at to see how our team can engineer a solution for your Aerospace Industry applications.

Mil-spec | ASTM | Resin | 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 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

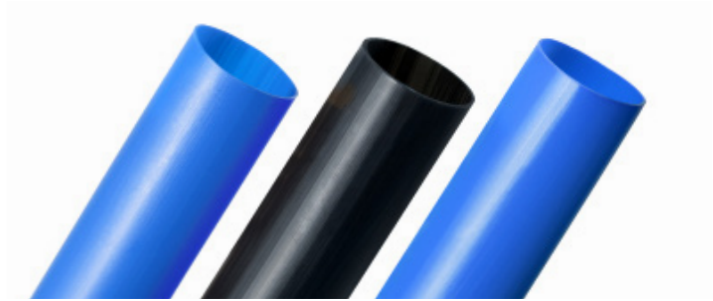


AMERICA: +1 803-268-9100 | EUROPE: +353 (0)74 9100700 | ASIA/PACIFIC: +(86) 20-3825-4909

support@zeusinc.com / www.zeusinc.com

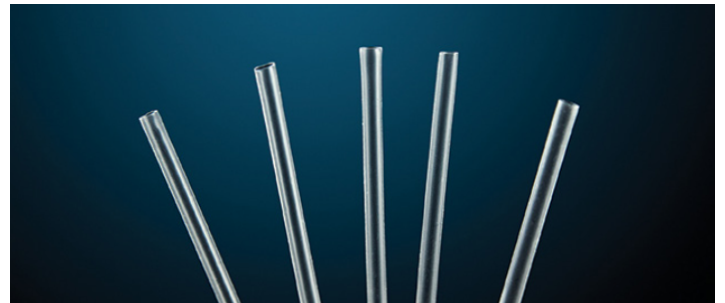
PTFE

- Continuous service temperature: 500°F / 260°C
- High temperature thermoset with low flammability
- Convoluted tubing, heat shrink tubing, spiral cut for wire bundles, or custom profile extrusions
- Chemical resistance
- Excellent insulator
- UL 94 V-0
- FAR 25.853 (a)



ETFE

- Continuous service temperature: 302°F / 150°C
- Great crush resistance
- Convoluted tubing for wire protection
- Resistance to chemicals and corrosion
- FAR 25.853 (a)



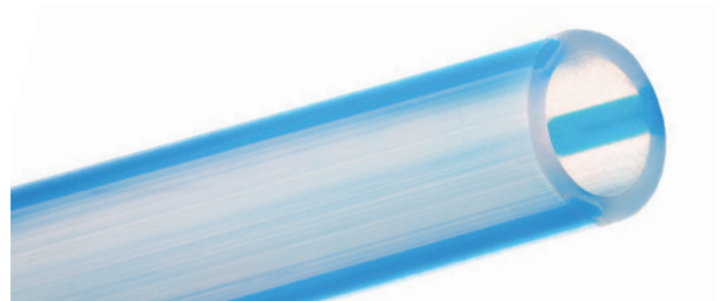
PFA

- Continuous service temperature: 500°F / 260°C
- Exceptionally clear high-temperature thermoplastic tubing utilized in lighting system design and critical fluid handling environments
- Optically clear
- UL 94 V-0
- FAR 25.853 (a)
- Weight reduction



PVDF

- Excellent mechanical properties over a broad temperature range -58 °F to 302 °F (-50 °C to 150 °C)
- Chemical resistance to solvents, acids, and bases
- Great dielectric strength
- Strong abrasion resistance
- Excellent creep resistance
- Low permeability
- Drawn fiber, precision tubing, and custom profiles



FEP

- Continuous service temperature: 392°F / 200°C
- Performance thermoplastic with low flammability
- Convoluted tubing, drawn fiber, heat-shrinkable tubing, or custom profiles
- 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 tubing, PEEKshrink®, drawn fiber, and PEEK Insulated Wire
- FAR 25.853 (a)
- Lightweight

