



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 | Resin | Class:

AS23053/12

PTFE: Heat Shrink

AS23053/11

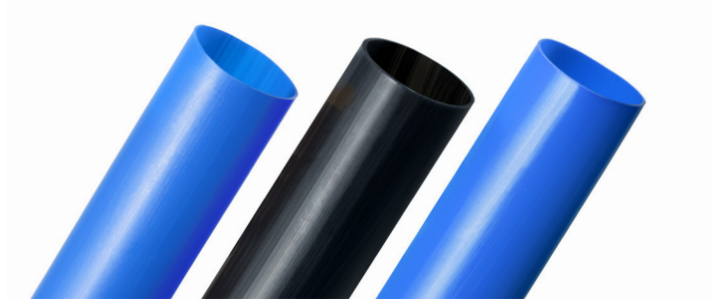
FEP: Heat Shrink



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PTFE

- Continuous service temperature: 260°C / 500°F
- High temperature thermoset with low flammability
- Convuluted 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)



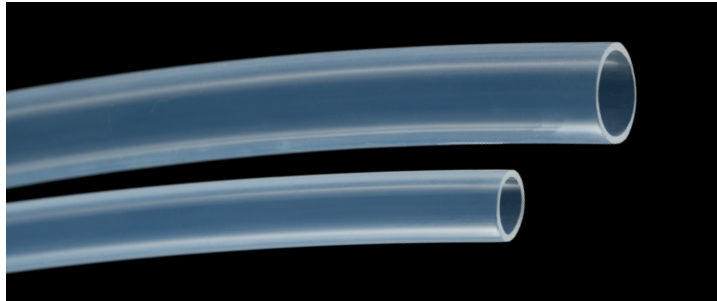
ETFE

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



PFA

- Continuous service temperature: 260°C / 500°F
- 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



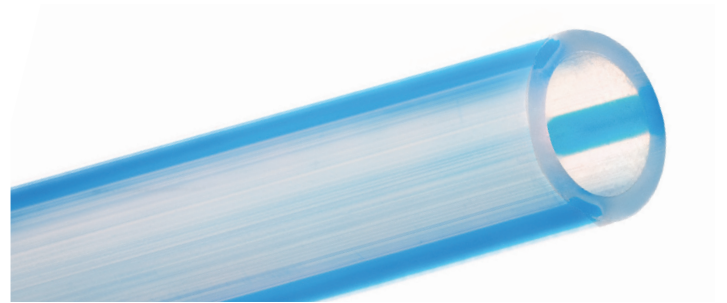
FEP

- Continuous service temperature: 200°C / 392°F
- Performance thermoplastic with low flammability
- Convuluted tubing, drawn fiber, heat-shrinkable tubing, or custom profiles
- FAR 25.853 (a)



PVDF

- Excellent mechanical properties over a broad temperature range -50 °C to 150 °C (-58 °F to 302 °F)
- 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



PEEK

- Continuous service temperature: 260°C / 500°F
- Abrasion resistant thermoplastic that performs in extreme temperatures and hostile environments
- Chemical resistance
- Convuluted tubing, PEEKshrink®, drawn fiber, and PEEK Insulated Wire
- FAR 25.853 (a)
- Lightweight

