

High Temperature Cross-Linked Fluoroelastomer Heat Shrink Tubing

pro-POWER



Features:

- 2:1 shrink ratio.
- Superior resistance to highly corrosive chemicals, fuels, lubricants, acids and solvents.
- Outstanding, high temperature performance.
- Highly impact, abrasion and cut-through resistant.
- Very flexible.
- Easily marked.
- Meets Military specifications.

Uses

- Protection of wiring and component covers in aircraft and aerospace applications.
- Automotive applications.
- Hydraulic fluid transport mechanisms.
- Chemical processing applications.
- Applications up to 200°C.

Specifications

AMS-DTL-23053/13.
MIL-R-46846, Type III, Class 1.

Technical Data

Shrink ratio	: 2:1.
Minimum recommended shrink temperature	: 175°C (347°F).
Operating temperature range	: -55°C to 200°C.
Longitudinal shrinkage	: +1/-10%.

Physical / Electrical / Chemical Properties:

Specific gravity	: 1.7.
Ultimate elongation	: 450%.
Low temperature flexibility	: 4 hours at -55°C no cracking.
Flammability	: Self-extinguishing.
Volume resistivity	: 10^{12} ohm-cm.
Dielectric strength	: 500vpm.
Corrosion resistance	: Non-corrosive.
Fuel, Oil, Solvent, Acids and Alkalis resistance	: Excellent.

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Specification Table

Size (Inches)	Standard Colour	Inside Diameter Inches (mm)		Recovered Nom. Wall Thickness Inches (mm)	Part Number	
		Supplied (Minimum)	Recovered (Maximum)		Package of Five 6 inches Lengths	Package of Five 48 inches Lengths
1/8	Black	0.125 (3.18)	0.062 (1.57)	0.03 (0.76)	MC36404	MC36405
3/16	Black	0.187 (4.75)	0.093 (2.36)	0.035 (0.89)	MC36406	MC36407
1/4	Black	0.25 (6.35)	0.125 (3.18)	0.035 (0.89)	MC36408	MC36409
3/8	Black	0.375 (9.53)	0.187 (4.75)	0.035 (0.89)	MC36410	MC36411
1/2	Black	0.5 (12.70)	0.25 (6.35)	0.035 (0.89)	MC36412	MC36413
5/8	Black	0.625 (15.88)	0.312 (7.92)	0.042 (1.0668)	MC36414	MC36415
3/4	Black	0.75 (19.05)	0.375 (9.53)	0.042 (1.0668)	MC36416	MC36417
1	Black	1 (25.40)	0.5 (12.70)	0.049 (1.2446)	MC36418	MC36419

Dimensions: Inches (mm)

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