

Q-PTFE



PTFE HEAT SHRINKABLE TUBING

Features/Applications

Q-PTFE heat shrinkable tubing is manufactured with polytetrafluoroethylene (PTFE). It is specially designed for applications where high temperature and chemical resistance is required. This tubing works great as an electrical insulator and where highly flame retardant properties are required, such as in the automotive, military and aerospace fields.

- Operating temperature: -65°C to +260°C
- Full recovery temperature: 350°C
- Meets: SAE-AMS-DTL-23053/12
- Standard color: Clear
- RoHS Compliant



Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	≥ 17.3 MPa
Ultimate Elongation	ASTM D 2671	≥ 200%
Specific Gravity	ASTM D 792	2.30
Heat Shock (400°C, 4hrs.)	ASTM D 2671	No cracking or dropping
Cold Bend Test (-65°C, 4hrs.)	ASTM D 2671	No cracking
Volume Resistance	ASTM D 2671	≥ 10 ¹⁵ Ω.cm
Dielectric Strength	ASTM D 2671	≥ 34kV/mm
Copper Corrosion	UL 224	Pass
Flammability	ASTM D 2671	Self-extinguish
Fluid Resistance	SAE-AMS-DTL-23053/12	Excellent
Water Absorption	ASTM D 570	≤ 0.1

Product Dimensions

Size (AWG)	As Supplied (mm)	After Recovered (mm)		Standard Packaging Cut to Length Pcs. *(QB) Qty per bag (48" pcs.)
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	
20	1.52	0.97	0.30	25
18	1.93	1.17	0.30	25
16	2.36	1.45	0.30	25
14	3.05	1.82	0.30	25
12	3.81	2.26	0.30	25
10	4.85	2.80	0.30	25
8	6.10	3.55	0.38	5
6	7.67	4.40	0.38	5
4	9.40	5.45	0.38	5
2	10.92	6.90	0.38	5
0	11.94	8.56	0.38	5

Notes:

1. * See page 12 - Part Number Guide for standard packaging codes.
2. Cross Reference Guide located on page 3.
3. Special sizes, packaging, colors and cut pieces are available upon request.