


Q5-4XR

RoHS
Compliant**SEMI-RIGID, ADHESIVE LINED HEAT SHRINKABLE TUBING**
SHRINK RATIO 4:1

Features/Applications

Specially designed for the protection of wires, terminals and other components against environmental damage. The semi-rigid composition makes it more abrasion resistant compared with most common tubing and the 4:1 shrink ratio fits a wide range of component diameters. With its thicker liner, it forms an effective barrier against fluids and moisture.

- Operating temperature: -45°C to +125°C
- Minimum shrink temperature: 120°C
- Approval:  242540
- Meets: SAE-AMS-DTL-23053/4, UL 224
- Standard colors: Black and clear
- RoHS Compliant



Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	10.4 MPa (min.)
Tensile Strength After Aging (158°C, 168 hrs.)	ASTM D 2671	Remains 70%
Elongation at Break	ASTM D 2671	200% (min.)
Elongation at Break After Aging (158°C, 168 hrs.)	ASTM D 2671	100% (min.)
Longitudinal Shrinkage	UL 224	0 to -10%
Heat Shock	250°C, 4 hrs.	No cracking, no dropping
Cold Bend (-30°C, 1hr.)	ASTM D 2671	No cracking
Voltage Withstand (AC 2500V, 60 seconds)	ASTM D 2671	No breakdown
Breakdown Voltage	ASTM D 2671	AC 2500V (min.)
Volume Resistance	ASTM D 876	10 ¹⁴ Ω.cm (min.)
Flammability	SAE-AMS-DTL-23053/5	Self extinguish in 30 seconds
Copper Corrosion (158°C, 168 hrs.)	UL 224	Pass
Water Absorption	ASTM D 570	< 0.5%

Product Dimensions

Size (mm)	As Supplied (mm)		After Recovered (mm)			Standard Packaging	
	Inside Diameter (min.)	Inside Diameter (max.)	Total Wall Thickness (nom.)	Adhesive Thickness (nom.)	Cut to Length Pcs. *(QB) Qty per bag		
					6"	48"	
6/1.27	6	1.27	1.30	0.56	20	5	
8/1.65	8	1.65	1.52	0.76	16	5	
12/2.41	12	2.41	1.91	1.02	14	5	
18/4.45	18	4.45	2.41	1.37	12	5	

Notes:

1. * See Part Number Guide for standard packaging codes.
2. Special sizes, packaging, colors and cut pieces are available upon request.
3. Halogen free heat-shrinkable adhesive-lined tubing is available upon request.