

Q5-4XR1



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

Features/Applications

Specially designed for use on automotive lines, stress relief on wire harnesses, and anywhere oil resistance and abrasion protection are required. 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: -40°C to +130°C
- Minimum shrink temperature: 110°C
- Standard colors: Clear
- RoHS Compliant

Technical Data			
Property	Test Method	Specifications	Typical Data
Tensile Strength	ASTM D 2671	≥ 10.3 MPa	18.87 MPa
Elongation at Break	ASTM D 2671	≥ 250%	330%
Longitudinal Change	ASTM D 2671	0~10%	5%
Aging at 168h, 175°C ± 2°C	ASTM D 3032	No Cracking	Pass
Volume Resistance	ASTM D 2671	≥ 1.0 × 10 ¹² Ω.cm	9.0 × 10 ¹⁴ Ω.cm
Water Absorption	ASTM D 570	≤ 1.0%	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"
5.72/1.27	5.72	1.27	1.20	0.56	20	5
7.44/1.65	7.44	1.65	1.52	0.76	16	5
10.85/2.41	10.85	2.41	1.91	1.02	14	5
17.78/4.45	17.78	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.