

Q5-4XR



SEMI-RIGID, ADHESIVE LINED HEAT SHRINKABLE TUBING SHRINK RATIO 4:1 QBK/HBK SERIES

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: -55°C to +125°C
- Minimum shrink temperature: 110°C
- Minimum Full recovery temperature: 135°C
- Meets: SAE-AMS-DTL-23053/4, Ford ESB-M99D56-A2, 600V
- Standard colors: Black and Clear
- RoHS Compliant



Technical Data		
Property	Test Method	Test Requirements
Tensile Strength	ASTM D 2671	>10 MPa
Elongation at Break	ASTM D 2671	>200%
Elongation at Break After Aging (158°C, 168 hrs.)	ASTM D 2671	>100%
Longitudinal Shrinkage	UL 224	-10~0%
Heat Shock	250°C, 4 hrs.	No cracking, no dropping
Cold Bend (-30°C, 4 hr.)	ASTM D 2671	No cracking
Dielectric Strength	ASTM D 2671	15kV (min.)
Minimum Volume Resistance	ASTM D 2671	>10 ¹⁴ Ω.cm
Flammability	-	Self extinguish in 30 seconds
Copper Corrosion (158°C, 168 hrs.)	UL 224	Pass
Property of adhesive		
Ring-Ball Soft Point	ASTM E 28	135°C ± 5°C

Product Dimensions							
Size (mm)	As Supplied (mm)		After Recovered (mm)			Standard Packaging	
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	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:

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