

Q5-3000

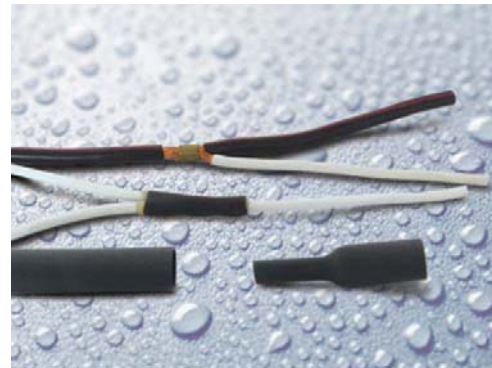


HEAT SHRINKABLE, ADHESIVE LINED TUBING
SHRINK RATIO 3:1

Features/Applications

Q5-3000 is manufactured by co-extrusion of polyolefin and melttable adhesive. Designed to provide both insulation and sealing for electronic components, wire splices and cable jackets.

- Operating temperature: -45°C to +125°C
- Minimum shrink temperature: 120°C
- Full recovery temperature: 120°C
- Meets: SAE-AMS-DTL-23053/4, UL 224
- Standard color: Black
- RoHS Compliant



Technical Data		
Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	12 MPa (min.)
Tensile Strength After Aging (136°C, 168 hrs.)	ASTM D 2671	Remains 70%
Elongation at Break	ASTM D 2671	400% (min.)
Elongation at Break After Aging (158°C, 168 hrs.)	ASTM D 2671	>100% (min.)
Longitudinal Shrinkage	UL 224	0 to -10%
Heat Shock	200°C, 4 hrs.	No cracking, no dropping
Cold Bend (-40°C, 1hr.)	ASTM D 2671	No cracking
Voltage Withstand (AC 2500V, 60 seconds)	ASTM D 2671	No breakdown
Volume Resistance	ASTM D 876	10 ¹⁴ Ω.cm (min.)
Flammability	SAE-AMS-DTL-23053/4	Self extinguish in 30 sec.
Copper Corrosion (158°C, 168 hrs.)	ASTM D 2671 Meth. B	Pass
Water Absorption	ASTM D 570	< 0.5%
Fluid Resistance	MIL-DTL-23053/4	Good

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 48"
3	3.0	1.0	1.00	0.5	5
6	6.0	2.0	1.00	0.5	5
9	9.0	3.0	1.35	0.6	5
12	12.0	4.0	1.50	0.7	5
18	18.0	6.0	1.70	0.8	5
24	24.0	8.0	1.95	1.0	5
39	39.0	13.0	2.10	1.0	5
52	52.0	13.0	2.50	1.0	5

- Notes:
1. * See Part Number Guide for standard packaging codes.
 2. Special sizes, packaging, colors and cut pieces are available upon request.