Q5-3XM

RoHS Compliant

HEAVY DUAL WALL, ADHESIVE LINED, FLEXIBLE POLYOLEFIN TUBING SHRINK RATIO 3:1



Features/Applications
Manufactured using a specially designed coating technology. Designed to provide both insulation and create a tight seal for protected articles. Suitable for joints and terminations, it can also be used to protect auto wires, shipping cables, bundled wires and metal tubes against water and moisture especially in ship building.

- Operating temperature: -55°C to +125°C
- Minimum shrink temperature: 80°C
- Full recovery Temperature: 110°C
- Standard color: Black
- RoHS Compliant

Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	>14 MPa
Ultimate Elongation	ASTM D 2671	> 400%
Longitudinal Shrinkage	UL 224	-10%
Eccentricity	ASTM D 2671	< 30%
Heat Aging Tensile Strength Ultimate Elongation	250°C, 168 hrs.	 > 12 MPa > 350 %
Heat Shock	300°C, 4 hrs.	No Cracking
Flammability	VW-1	Pass
Dielectric Strength	IEC 93	> 20 kV / mm
Voltage Withstand	ASTM D 2671 / AC2500V. 1 min.	No Breakdown
Volume Resistance	ASTM D 2671	$>10^{14}$ Ω.cm
Copper Stability	UL 224	Pass
Copper Corrosion	UL 224	No Corrosion
Property of adhesive		
Ring-Ball Soft Point	ASTM E28	85°C ± 5°C

Product Dimensions

Size		As Supplied (mm)	After Recovered (mm)			Standard Packaging	
Inch	mm	Inside Diameter (min.)	Inside Diameter (max.)	Total Wall Thickness (min.)	Adhesive Thickness (nom.)	Cut to Length Pcs. *(QB) Qty per bag	
						6”	48”
3/4	19/6	19	6	3.0	1.35	14	5
1	25/8	25	8	3.0	1.35	12	5
1 1/4	33/8	33	8	3.0	1.35	5	5
1 1/2	40/12	40	12	3.0	1.35	5	5
2	55/16	55	16	3.0	1.35	3	5
2 1/2	65/19	65	19	3.0	1.35	2	5
3	75/22	75	22	3.0	1.35	2	5
3 3/8	85/25	85	25	3.0	1.35	1	5
4	100/30	100	30	3.0	1.35	1	5

Notes:
1. * See page 13 - 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.
4. Halogen free heat-shrinkable adhesive-lined tubing is available upon request.