Q5-3X

RoHS Compliant

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



Features/Applications
Heat shrinkable dual wall adhesive lined tubing is manufactured by co-extrusion of polyolefin and hot-melt adhesive. It is designed to provide both insulation and sealing for protection against water and moisture of auto wires, shipping cables, metal tubes and bundled wires.

- Operating temperature: -55°C to +125°C
- Minimum shrink temperature: 80°C
- Full recovery temperature: 110°C
- Approvals[4] : File No. E236137, File No. 242540, 125°C, VW-1, 600V
- Meets: Sony-SS-00259, SAE-AMS-DTL-23053/4
- Standard color: Black
- Special colors: Red, blue, white, yellow, clear(non-flame retardant jacket)
- RoHS Compliant

Technical Data

Property	Test Method	Typical Data
Operating Temperature	IEC 216	-55°C to +125°C
Tensile Strength	ASTM D 2671	>12 MPa
Ultimate Elongation	ASTM D 2671	> 400%
Longitudinal Shrinkage	UL 224	0 ± 10%
Eccentricity	ASTM D 2671	< 40%
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168 hrs.	 > 11 MPa > 350 %
Flammability	VW-1	Pass
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	95°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.)	Standard Spool *(SS) (Meter)	Cut to Length Pcs. *(QB) Qty per bag	
							6”	48”
1/8	3.0/1.0	3.0	1.0	1.00	0.5	200	28	25
3/16	4.8/1.5	4.8	1.5	1.00	0.5	100	24	25
1/4	6.0/2.0	6.0	2.0	1.00	0.5	100	20	25
3/8	9.0/3.0	9.0	3.0	1.40	0.6	50	16	25
1/2	12.0/4.0	12.0	4.0	1.60	0.8	25	14	5
3/4	19.0/6.0	19.0	6.0	2.15	0.8	25	12	5
1	24.0/8.0	24.0	8.0	2.40	1.0	25	8	5
1 1/4	30.0/10.0	30.0	10.0	2.40	1.0	25	5	5
1 1/2	40.0/13.0	40.0	13.0	2.40	1.0	25	5	5
2	50.0/19.0	50.0	19.0	2.40	1.0	25	3	5

Notes:
1. * See Part Number Guide for standard packaging codes..
2. Cross Reference Guide available.
3. Special sizes, packaging, colors and cut pieces are available upon request.
4. Clear and Color tubing other than black are not flame retardant, UL or CSA approved.