

Q5-2X



DUAL WALL, ADHESIVE LINED, FLEXIBLE POLYOLEFIN TUBING
SHRINK RATIO 2:1

Features/Applications

Heat shrinkable dual wall adhesive lined tubing is manufactured by co-extrusion of polyolefin and hot-melt adhesive. 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: -45°C to +125°C
- Minimum shrink temperature: 100°C
- Full recovery temperature: 125°C
- Approvals⁴: 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
Tensile Strength	ASTM D 2671	10.4 MPa (min.)
Tensile Strength After Aging	ASTM D 2671	158°C, 168 hrs., remains 70%
Elongation at Break	ASTM D 2671	200% (min.)
Elongation at Break After Aging (158°C, 168 hrs.)	ASTM D 2671	100% (min.)
Longitudinal Shrinkage	UL 224	0 ± 10%
Heat Shock	250°C, 4 hrs.	No cracking, no dropping
Cold Bend (-30°C, 1 hr.)	ASTM D 2671	No cracking
Voltage Withstand (AC 2500V, 60 seconds)	ASTM D 2671	No breakdown
Break Down Voltage	ASTM D 2671	AC 2500V (min.)
Volume Resistance	ASTM D 876	Min. 10 ¹⁴ Ω.cm (min.)
Flammability	SAE-AMS-DTL-23053/4	Self extinguish in 30 seconds
Copper Corrosion (158°C, 168 hrs.)	UL 224	Pass
Water Absorption	ASTM D 570	< 0.5%

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	3.2/1.6	3.20	1.6	0.70	0.20	200	28	25
3/16	4.8/2.4	4.80	2.4	0.70	0.20	100	24	25
1/4	6.4/3.2	6.40	3.2	0.75	0.20	100	20	25
3/8	9.5/4.8	9.50	4.8	0.75	0.20	50	16	25
1/2	12.7/6.4	12.70	6.4	0.75	0.20	25	14	5
3/4	19.1/9.6	19.10	9.5	0.90	0.20	25	12	5
1	25.4/12.7	25.40	12.7	1.10	0.20	25	8	5
1 1/2	38.1/19.0	38.10	19.0	1.10	0.20	25	5	5

Notes:

1. See page 12 - 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. Clear tubing is not flame retardant, UL or CSA approved.