

# Q5-3X



## 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<sup>4</sup>: 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 <sup>14</sup> Ω.cm
Copper Stability	UL 224	Pass
Copper Corrosion	UL 224	No Corrosion
<b>Property of adhesive</b>		
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	24
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:

- \* See page 13 - Part Number Guide for standard packaging codes.
- Cross Reference Guide located on page 3.
- Special sizes, packaging, colors and cut pieces are available upon request.
- Clear tubing is not flame retardant, UL or CSA approved.