Q5-4X



## DUAL WALL, ADHESIVE LINED, FLEXIBLE POLYOLEFIN TUBING SHRINK RATIO 4:1

## 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

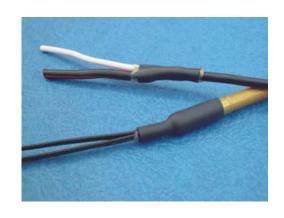
• Minimum shrink temperature: 80°C • Full recovery temperature: 125°C

• Approval: 👊 s File No. E236137, 🚯 242540 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 (158°C, 168 hrs.)	ASTM D 2671	Remains 70%							
Elongation at Break	ASTM D 2671	> 300% (min.)							
Elongation at Break After Aging (158°C, 168 hrs.)	ASTM D 2671	100% (min.)							
Longitudinal Shrinkage	UL 224	0 to -10%							
Heat Shock	250°C, 4 hrs.	No cracking, no dropping							
Cold Bend (-30°C, 1hr.)	ASTM D 2671	No cracking							
Voltage Withstand (AC 2500V, 60 seconds)	ASTM D 2671	No breakdown							
Volume Resistance	ASTM D 876	>10 <sup>14</sup> 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"				
3/16	4/1	4.0	1.0	1.00	0.5	100	24	25			
1/4	6/1.5	6.0	1.5	1.00	0.5	100	20	25			
5/16	8/2	8.0	2.0	1.00	0.5	50	18	25			
1/2	12/3	12.0	3.0	1.40	0.6	25	14	5			
5/8	16/4	16.0	4.0	1.60	0.8	25	14	5			
1	24/6	24.0	6.0	2.15	0.8	25	12	5			
1 1/4	32/8	32.0	8.0	2.40	1.0	25	8	5			
2	52/13	52.0	13.0	2.40	1.0	-	5	5			

See Part Number Guide for standard packaging codes.
Special sizes, packaging, colors and cut pieces are available upon request.
Halogen free heat-shrinkable adhesive-lined tubing is available upon request.