

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: 80°C

Full Recovery Temperature: 125°C

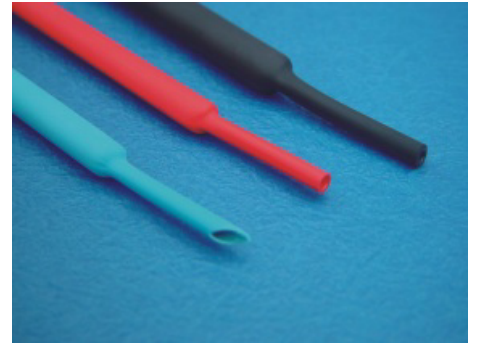
Standard color: Black

Special colors: Red, blue, white, yellow
clear(non-flame retardant jacket)

Approvals: UL 224 125°C 600V, File No. E236137

ABS (American Bureau of Shipping)

RoHS Compliant



Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	10.4MPa (min.)
Tensile strength after aging 158°C, 168 hrs.	ASTM D 2671	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 to -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
Volume resistance	ASTM D 876	10 ¹⁴ Ω.cm(min.)
Flammability	SAE-AMS-DTL-23053/5	Self extinguish in 30 sec.
Copper corrosion 158°C, 168 hrs.	UL 224	Pass
Water absorption	ASTM D 570	<0.5%

Product Dimensions (mm/inch)

Size		As Supplied (mm)	AfterRecovered (mm)			Standard Length (M)	Spool Length (M)
mm	inch	Min. Inside Diameter	Max. Inside Diameter	Nom. Wall Thickness	Nom. Adhesive Thickness		
3.2/1.6	1/8	3.2	1.60	0.70	0.20	1.22	200
4.8/2.4	3/16	4.8	2.40	0.70	0.20	1.22	100
6.4/3.2	1/4	6.4	3.20	0.75	0.20	1.22	100
9.5/4.8	3/8	9.5	4.80	0.75	0.20	1.22	50
12.7/6.4	1/2	12.7	6.40	0.75	0.20	1.22	25
19.1/9.6	3/4	19.1	9.50	0.90	0.20	1.22	25
25.4/12.7	1	25.4	12.70	1.10	0.20	1.22	25
38.1/19.0	1 1/2	38.1	19.00	1.10	0.20	1.22	25

Special sizes, special lengths, cut pieces are available upon request.
Halogen free heat-shrinkable adhesive-lined tubing is available upon request.