

# QSTV RoHS Compliant

## MEDIUM WALL, POLYOLEFIN TUBING FOR CATV NETWORK SHRINK RATIO 3:1

### Features/Applications

QSTV tubing is adhesive lined heat shrinkable tubing designed for protecting splices and connectors in the CATV industry. The heat shrinkable jacket provides effective mechanical protection and the hot melt adhesive provides sealing against water and moisture.

- Operating temperature: -55°C to +110°C
- Minimum shrink temperature: 120°C
- Full recovery temperature: 120°C
- Standard color: Black
- RoHS Compliant



Technical Data		
Property	Test Method	Typical Data
Operating Temperature	IEC 216	-55°C to +110°C
Tensile Strength	ASTM D 2671	≥15 MPa
Elongation at Break	ASTM D 2671	≥ 600%
Density	ASTM D 792	1.05g / cm <sup>3</sup>
Longitudinal Shrinkage	UL 224	0 to -10%
Eccentricity	ASTM D 2671	<30%
Elongation at Break After Aging (150°C, 168 hrs.)	ASTM D 2671	>400%
Dielectric Strength	IEC 243	≥ 20kV / mm
Volume Resistance	IEC 93	≥10 <sup>14</sup> Ω.cm
Copper Stability	ASTM D 2671	Pass
Resistance to Stress Cracking (50°C)	ASTM D 1693	No cracking
Cold Bend Test (-55°C, 4hrs.)	ASTM D 2671	No cracking

Thermoplastic Adhesive for QSTV		
Property	Test Method	Typical Data
Water Absorption	ISO 62	< 0.2%
Softening Point	ASTM D E28	85°C
Peel Strength (PE)	DIN 30672	100N / 25 mm
Copper Stability	ASTM D 2671	Non-corrosive
Resistance to Fungus and Decay	ISO 846	Pass

Product Dimensions					
Size (mm)	As Supplied (mm)	After Recovered (mm)		Tubing Shape	Standard Packaging
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min)		Cut to Length Pcs. *(QB) Qty per bag 48"
10/3.8	10	3.8	2.0	Round	5
19/5.6	19	5.6	2.4	Round	5
28/9	28	9.0	2.4	Round	5
33/10	33	10.0	2.4	Round	2
38/12	38	12.0	2.4	Round	2
45/13	45	13.0	2.4	Round	2
55/19	55	19.0	2.4	Round	1
70/25	70	25.0	2.4	Round	1

- Notes:
1. \* See Part Number Guide for standard packaging codes.
  2. Special sizes, packaging, colors and cut pieces are available upon request.