

## FLEXIBLE, THIN WALL FLAME RETARDANT POLYOLEFIN TUBING SHRINK RATIO 3:1

## Features/Applications

Widely used for electrical insulation. Protects in-line components, disconnect terminals and splices with its high strength and excellent resilience. Bundles wires for very flexible light-duty harnesses. Identifies or color-codes wires, cables, terminals and components. Free from environment harmful substances such as PBB's, PBBO's, PBBE's and toxic heavy metal compounds in its components.

• Operating temperature: -55°C to +125°C • Minimum shrink temperature: 70°C

• Full recovery temperature: 100°C

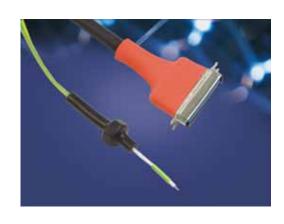
Approvals<sup>4</sup>: No. E236137, File No. 242540, 125°C, VW-1, 600V

• Meets: Sony-SS-00259

• Standard colors: Black, red, blue, yellow, green, white, clear

• Other colors are available upon request.

• RoHS Compliant



Technical Data								
Property	Test Method	Typical Data						
Operating Temperature	IEC 216	-55°C to +125°C						
Tensile Strength	ASTM D 2671	>14 MPa						
Ultimate Elongation	ASTM D 2671	> 400%						
Longitudinal Shrinkage	UL 224	0 <u>+</u> 5%						
Eccentricity	ASTM D 2671	< 30%						
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168 hrs.	> 12 MPa > 350 %						
Flammability	VW-1	Pass						
Dielectric Strength	ASTM D 150	> 20kV / mm						
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						

Product Dimensions									
Size		As Supplied (mm)	After Recovered (mm)		Standard Packaging				
Inch	mm	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Standard Spool *(SS) (Feet)	Cut to Length Pcs. *(QB) Qty per bag			
						6"	48"		
1/16	1.5/0.5	1.6	0.5	0.45	500	28	25		
1/8	3.0/1.0	3.2	1.0	0.55	500	24	25		
3/16	4.5/1.5	4.8	1.5	0.60	500	24	25		
1/4	6.0/2.0	6.4	2.0	0.65	250	20	25		
3/8	9.0/3.0	9.5	3.0	0.75	250	16	25		
1/2	12.0/4.0	12.7	4.0	0.80	150	14	5		
3/4	18.0/6.0	19.1	6.0	0.90	150	12	5		
1	24.0/8.0	25.4	8.0	1.00	150	8	5		
1 1/2	39.0/13.0	39.0	13.0	1.25	150	5	5		

Notes:

1. \*See page 13 - 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.