



Features:

- Crosslinked polyolefin
- Highly flame retardant
- Outstanding physical, chemical properties
- Excellent electrical properties
- UV resistant
- Meets: SAE-AMS-DTL-23053/5 Class 1 & 3
- Operating temp.: -55°C to +135°C
- Min. shrink temp.: 70°C
- Min. full recovery temp.: 100°C
- Shrink ratio: & 3:1
- RoHS compliant

Approvals:

- 125°C VW-1 600V
- File No: E204071

Dimensions 3:1:

Size		As supplied (mm)		After recovered (mm)		Standard length (m/spool)
(inch)	(mm)	D*(Min.)	d*(Max.)	w*(Min.)		
1/16	1.6/0.5	1.6	0.5	0.51		300
3/32	2.4/0.8	2.4	0.8	0.51		300
1/8	3.2/1.0	3.2	1.0	0.55		300
3/16	4.8/1.5	4.8	1.5	0.60		300
1/4	6.4/2.0	6.4	2.0	0.65		300
3/8	9.5/3.0	9.5	3.0	0.75		150**
1/2	12.7/4.0	12.7	4.0	0.75		150
3/4	19.1/6.0	19.1	6.0	0.85		75
1	25.4/8.0	25.4	8.0	1.00		75
1½	39/13	39.0	13.0	1.15		30

D* = Inner diameter as supplied d* = Inner diameter after fully recovered w* = Wall thickness after fully recovered

** = Flat shape. Airfilled or oval shape is available on request. The tubes with Shrink ratio 2:1 are available on request.

Technical properties:

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	>14 MPa
Ultimate elongation	ASTM D 2671	>600%
Longitudinal shrinkage	UL 224	0±5%
Eccentricity	ASTM D 2671	<35%
Heat aging Tensile strength Ultimate elongation	175°C, 168 hrs.	>11 MPa >350%
Flammability	VW-1	Pass
Voltage withstand	ASTM D 2671/AC 2500V, 1 min.	No breakdown
Dielectric strength	ASTM D 150	>20 kV/mm
Volume resistance	ASTM D 2671	>10 ¹⁴ Ω .cm
Copper stability	UL 224	Pass
Copper corrosion	UL 224	No corrosion

Ordering information:

Standard colors:

Yellow and Green striped.

Special colors:

N/A

Packaging:

Standard packaging on spools.

Special: 1m, 1.22m pieces are available on request.

Other: Other cut lengths are available, please contact our sales department.