

H-2F(3X) Thin Wall Tubing

Highly Flexible, Flame Retardant Tubing



Features:

- Crosslinked polyolefin
- Highly flame retardant
- Flexible
- Excellent electrical properties
- Resistance to common fluids and chemicals
- Ideal for odd shapes
- Operating temp.: -55°C to +135°C
- Min. shrink temp.: 70°C
- Min. full recovery temp.: 100°C
- Shrink ratio: 3:1
- RoHS compliant
- Meets: SAE-AMS-DTL-23053/5 Class 1 & 3

Approvals:

- 125°C VW-1 600V
- File No: E204071

Dimensions:

Size		As supplied (mm)		After recovered (mm)		Standard length (m/spool)
(inch)	(mm)	D*(Min.)	d*(Max.)	w*(Min.)		
1/16	1.5/0.5	1.6	0.5	0.45		300
1/8	3/1	3.2	1.0	0.55		300
3/16	4.5/1.5	4.8	1.5	0.60		300
1/4	6/2	6.4	2.0	0.65		300
3/8	9/3	9.5	3.0	0.75		150**
1/2	12/4	12.7	4.0	0.80		150
3/4	18/6	19.1	6.0	0.90		75
1	24/8	25.4	8.0	1.20		75
1½	39/13	39	13.0	1.25		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.

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:

Black

Special colors:

Red, Blue, Yellow, Green, Clear (Class 2)

Special colors are available on request. Please contact our sales department for non standard requests.

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.