

H-2(HF) Thin Wall Tubing

Halogen Free, Flame Retardant Tubing



Features:

- Crosslinked polyolefin
- Halogen free
- Low smoke emission
- Flame retardant
- Operating temp.: -55°C to +105°C
- Min. shrink temp.: 70°C
- Min. full recovery temp.: 100°C
- Shrink ratio: 2:1
- RoHS compliant
- Meets: UL 224 VW-1 125°C 600V

Technical properties:

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	> 12 MPa
Ultimate elongation	ASTM D 2671	> 400%
Longitudinal shrinkage	UL 224	0±5%
Eccentricity	ASTM D 2671	≤30%
Heat aging		
Tensile strength	158°C, 168 hrs.	> 11 MPa
Ultimate elongation		> 200%
Flammability	VW-1	Self extinguish in 30 sec.
Voltage withstand	ASTM D 2671/AC 2500V, 1 min.	No breakdown
Volume resistance	ASTM D 2671	> 10 ¹⁴ Ω .cm
Copper stability	UL 224	Pass
Copper corrosion	UL 224	No corrosion

Dimensions:

Size		As supplied (mm)	After recovered (mm)		Standard length (m/spool)
(inch)	(mm)	D*(Min.)	d*(Max.)	w*(Min.)	
3/64	1.2	1.2	0.6	0.33	300
1/16	1.6	1.6	0.8	0.36	300
3/32	2.4	2.4	1.2	0.44	300
1/8	3.2	3.2	1.6	0.44	300
3/16	4.8	4.8	2.4	0.51	300
1/4	6.4	6.4	3.2	0.56	300
5/16	8.0	8.0	4.0	0.56	150
3/8	9.5	9.5	4.8	0.56	150**
1/2	12.7	12.7	6.4	0.65	150
3/4	16.0	16.0	8.0	0.69	75
1	19.1	19.1	9.5	0.80	75
1¼	25.4	25.4	12.7	0.90	75
1½	31.8	31.8	15.9	1.02	30
2	38.1	38.1	19.1	1.02	30
3	50.8	50.8	25.4	1.14	30
4	76.2	76.2	38.1	1.27	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.

Ordering information:

Standard colors:

Black, White

Special colors:

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.