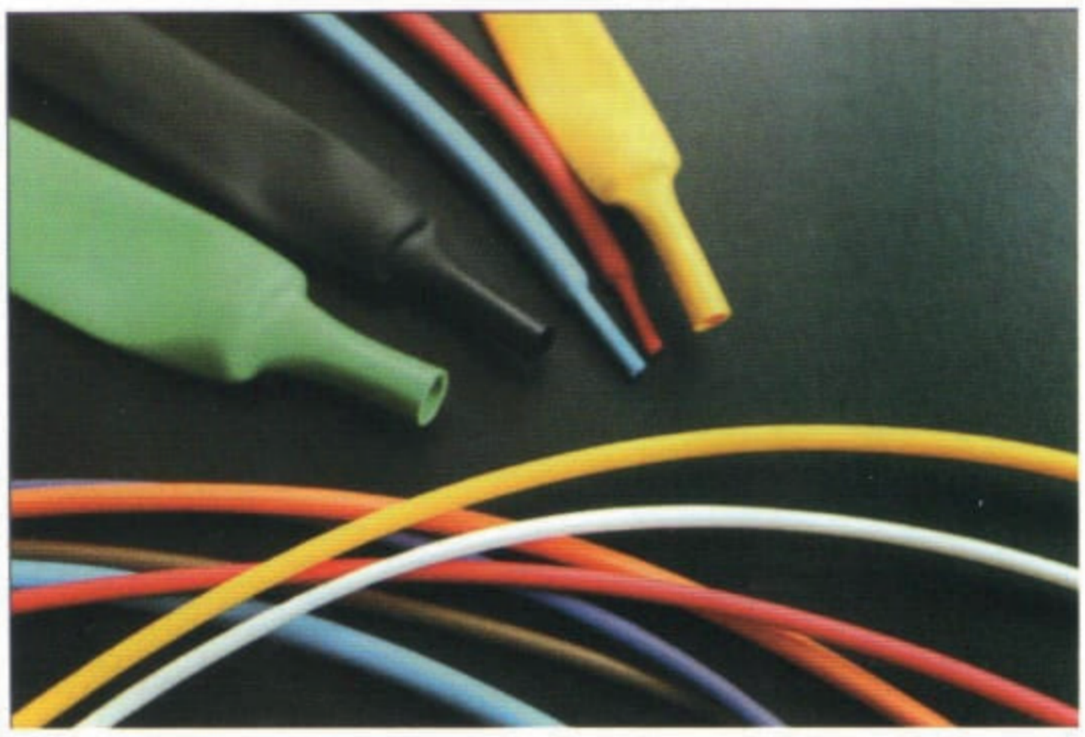
H-2(Z) Thin Wall Tubing

Hongshang

Flexible, Flame Retardant, High Performance Tubing



Features:

- Crosslinked polyolefin
- Flame retardant
- General purpose
- High flexibility
- Wide range of colors
- Operating temp.: -55℃ to +125℃
  Min. shrink temp.: 70℃
- Min. full recovery temp.: 100℃
- Shrink ratio: 2:1
- RoHS compliant

Approvals:

- c UL us 125℃ VW-1 600V
- File No: E204071

Technical properties:

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	>14 MPa
Ultimate elongation	ASTM D 2671	>400%
Longitudinal shrinkage	UL 224	0±5%
Eccentricity	ASTM D 2671	<30%
Heat aging Tensile strength	158℃, 168 hrs.	>12 MPa
Ultimate elongation		>350%
Flammability	VW-1	Pass
Voltage withstand	ASTM D 2671/AC 2500V, 1 min.	No breakdown
Volume resistance	IEC 93	$>10^{14}\ \Omega.cm$
Copper stability	UL 224	Pass
Copper corrosion	UL 224	No corrosion

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Dimensions:

Size (inch)	As supplied (mm)	After recovered (mm)		Standard length (m/spool)
	D*(Min.)	d*(Max.)	w*(Min.)	
3/64	1.2	0.6	0.33	300
1/16	1.6	0.8	0.36	300
3/32	2.4	1.2	0.44	300
1/8	3.2	1.6	0.44	300
3/16	4.8	2.4	0.51	300
1/4	6.4	3.2	0.56	300
5/16	8.0	4.0	0.56	150
3/8	9.5	4.8	0.56	150**
1/2	12.7	6.4	0.65	150
5/8	16.0	8.0	0.69	75
3/4	19.1	9.5	0.80	75
1	25.4	12.7	0.90	75
1¼	31.8	15.9	1.02	30
1½	38.1	19.1	1.02	30
2	50.8	25.4	1.14	30
3	76.2	38.1	1.27	30
4	101.6	50.8	1.40	15
5	126.0	63.5	1.50	15
6	150.0	76.0	1.50	15

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.

Size (inch)	As supplied (mm)	After recovered (mm)		Standard length (m/spool)
	D*(Min.)	d*(Max.)	w*(Min.)	
1.0	1.0	0.50	0.33	200
1.5	1.5	0.75	0.36	200
2.0	2.0	1.00	0.44	200
2.5	2.5	1.25	0.44	200
3.0	3.0	1.50	0.44	200
3.5	3.5	1.75	0.44	200
4.0	4.0	2.00	0.44	200
5.0	5.0	2.50	0.56	100
6.0	6.0	3.00	0.56	100
7.0	7.0	3.50	0.56	100
8.0	8.0	4.00	0.56	100
9.0	9.0	4.50	0.56	100
10	10.0	5.00	0.56	100
11	11.0	5.50	0.56	100
12	12.0	6.00	0.56	50
13	13.0	6.50	0.65	50
14	14.0	7.00	0.69	50
15	15.0	7.50	0.69	50
16	16.0	8.00	0.69	50
18	18.0	9.00	0.80	50
20	20.0	10.00	0.80	50
22	22.0	11.00	0.80	50
25	25.0	12.50	0.90	50
28	28.0	14.00	0.90	50
30	30.0	15.00	0.90	50
35	35.0	17.50	0.90	50
40	40.0	20.00	1.00	50
50	50.0	25.00	1.00	50
60	60.0	30.00	1.00	30
70	70.0	35.00	1.20	30
80	80.0	40.00	1.20	30
100	100.0	50.80	1.30	30
125	125.0	63.50	1.30	15
150	150.0	76.00	1.30	15

Ordering information:

Standard colors:
Black, Red, Blue, Yellow, Green, 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.