

RSFR-H

Zero halogen,flexible Heat shrink tubing

Features

- 1.Flexible
- 2.Zero halogen
- 3.Flame retardant
- 4.Low smoke generation if burning
- 5.Continuous Operating Temperature:-45°Cto125°C
- 6.Shrink Temperature:120°C
- 7.RoHS and Sony compliant



Dimensions

Size		As supplied	After Recovery(mm)		Standard Package
Inch	mm	Internal diameter(mm)	Internal diameter Max(mm)	Wall thickness Nom(mm)	Spool Length m/spool
3/64	0.8	1.1±0.2	0.50	0.22	200
1/16	1.0	1.5±0.2	0.65	0.28	200
	1.5	2.0±0.2	0.85	0.32	200
3/32	2.0	2.5±0.2	1.00	0.35	200
	2.5	3.0±0.2	1.30	0.38	200
1/8	3.0	3.5±0.2	1.50	0.40	200
	3.5	4.0±0.2	1.80	0.42	200
	4.0	4.5±0.2	2.00	0.45	200
3/16	4.5	5.0±0.2	2.30	0.50	200
	5.0	5.5±0.2	2.5	0.55	100
1/4	6.0	6.5±0.2	3.0	0.55	100
5/16	7.0	7.5±0.3	3.5	0.55	100

	8.0	8.5±0.3	4.0	0.60	100
3/8	9.0	9.5±0.3	4.5	0.60	100
	10.0	10.5±0.3	5.0	0.60	100
	11.0	11.5±0.3	5.5	0.60	100
1/2	12.0	12.5±0.3	6.0	0.60	100
	13.0	13.5±0.3	6.5	0.65	100
	14.0	14.5±0.3	7.0	0.65	100
5/8	15.0	15.5±0.4	7.5	0.70	100
	16.0	16.5±0.4	8.0	0.70	100
	17.0	17.5±0.4	8.5	0.70	100
3/4	18.0	19.0±0.5	9.0	0.80	100
	20.0	21.0±0.5	10.0	0.80	100
	22.0	23.0±0.5	11.0	0.80	100
1	25.0	26.0±0.5	12.5	0.90	50
	28.0	29.0±0.5	14.0	0.90	50
1-1/4	30.0	31.5±1.0	15.0	0.95	50
	35.0	36.5±1.0	17.5	1.00	50
1-1/2	40.0	41.5±1.0	20.0	1.00	50
	45.0	46.5±1.0	22.5	1.00	25
2	50.0	≥50	25.0	1.00	25
	60.0	≥60	31.0	1.30	25
	70.0	≥70	36.0	1.30	25
3	80.0	≥80	41.0	1.46	25
	90.0	≥90	46.0	1.46	25
4	100.0	≥100	51.0	1.46	25
5	120.0	≥120	61.0	1.56	25
6	150.0	≥150	76.0	1.56	25
7	180.0	≥180	91.0	1.56	25

Technical Data: Physical

Property	Test Method	Typical Performance
Tensile Strength(Mpa)	ASTM D2671	10.4MPa
Elongation(%)	ASTM D2671	200%
Tensile Strength after Heat aging	UL224 158°C X168hrs	≥7.3
Elongation after aging(%)	UL224 158°C X168hrs	≥100

Heat shock	UL224 225°C X4hrs	No dripping No cracking
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Electrical

Property	Test Method	Typical Performance
Dielectric Strength	IEC 243	≥15kv/mm
Volume Resistivity	IEC 93	≥1×10 ¹⁴ Ω·cm

Chemical

Property	Test Method	Typical Performance
Corrosion Action	UL224 158°C X168hrs	PASS
Copper Compatibility	UL224 158°C X168hrs	PASS

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