

## RSFR-H Halogen free thin wall heat shrinkable tube



### Applications :

It is widely used in the field of communication, electronics, automobile etc.

### Features :

Halogen-free, Low smoke generation if burning

Shrink Ratio: 2:1

Approval: UL 125 °C VW-1 600V File No.E203950

CSA C 22.2 OFT

Meet: RoHS 2.0 , Sony-SS-00259

Operating temp.: -55°C to +125 °C

Minimum shrink temperature: 70°C

Minimum fully recovery temperature: 100°C

Standard color: Black, Red, Blue, Yellow, Green, White

Other colors are available on request

### Package:

Standard packaging on spools.

Special:1m ; 1,2m pieces are available on request

Other: Other cut lengths are available



## Dimension:

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

Tel :

:



3 LTD

	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

### Electrical

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

### Chemical

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