



RSFR-HT

150°C Flame retardant heat shrink tubing



Features

- 2:1 shrink ratio
- Flame retardant
- Good resistance to common fluids and solvents
- UL approved
- Continuous operating temperature:-55°C ~150°C
- Fully shrink temperature:≥120°C
- RoHS compliant

Dimensions

Size		As Supplied	After Recovery		Standard Package
Inch	mm	Internal Diameter mm	Internal Diameter mm	Wall Thickness mm	Spool Length M/spool
3/64	1.2	1.2	0.6	0.33	200
1/16	1.6	1.6	0.8	0.33	200
3/32	2.4	2.4	1.2	0.44	200
1/8	3.2	3.2	1.6	0.44	200
3/16	4.8	4.8	2.4	0.44	100
1/4	6.4	6.4	3.2	0.56	100
5/16	7.9	7.9	4.0	0.56	100
3/8	9.5	9.5	4.8	0.56	100
1/2	12.7	12.7	6.4	0.56	100
5/8	15.9	15.9	8.0	0.69	100
3/4	19.1	19.1	9.5	0.69	100
1	25.4	25.4	12.7	0.77	50
1-1/4	31.8	31.8	15.9	0.87	50
1-1/2	38.1	38.1	19.1	0.87	50
2	50.8	50.8	25.4	0.97	25
3	76.2	76.2	38.1	1.17	25
4	101.6	101.6	50.8	1.17	25
5	127.0	127.0	63.5	1.17	25
6	152.4	152.4	76.2	1.17	25

Technical Data

Property	Test Method	Typical Performance
Tensile strength(MPa)	ASTM D2671	≥10.4
Ultimate elongation(%)	ASTM D2671	≥200
Tensile strength after heat aged(Mpa)	180°CX168h	≥7.3
Ultimate elongation after heat aged(%)	180°CX168h	≥100
Corrosion	UI224	Pass
Flammability	ASTM D 2671C method	VW-1
Voltage withstand	2500V, 60s	No breakdown
Heat shock(%)	250°CX4h	No cracks, flowing or dripping
Cold blend	-30°CX1h	No cracks
Dielectric strength (kv/mm)	ASTM D 149	≥15
Volume resistivity (Ω·cm)	ASTM D 876	≥10 ¹⁴
Water absorption(%)	UL 224	≤0.5