



RSFR-135G(3X)

Ultra thin wall, very flexible heat shrink tubing



Features

- Ultra thin wall
- Very flexible
- Flame retardant
- Continuous Operating
Temperature:-55°Cto135°C
- Fully shrink temperature:≥120°C
- RoHS compliant
- Meet SAE-AMS-DTL
-23053/5
Class 1 and 3

Dimensions

Size		As Supplied	After Recovery		Standard Package
Inch	mm	Internal Diameter Min(mm)	Internal Diameter Max(mm)	Wall Thickness Nom(mm)	Spool Length M/spool
1/16	1.5	1.60±0.10	≤0.5	0.45±0.10	200
1/8	3.0	3.20±0.10	≤1.0	0.55±0.10	200
3/16	4.5	4.70±0.10	≤1.5	0.60±0.10	100
1/4	6.0	6.20±0.10	≤2.0	0.65±0.10	100
3/8	9.0	9.30±0.20	≤3.0	0.75±0.15	50
1/2	12.0	12.30±0.20	≤4.0	0.75±0.15	50
5/8	15.0	15.30±0.20	≤5.0	0.80±0.15	50
3/4	18.0	18.30±0.20	≤6.0	0.85±0.15	50
1	24.0	24.40±0.30	≤8.0	1.00±0.20	25
1-1/4	30.0	30.40±0.30	≤10.0	1.15±0.20	25
1-1/2	39.0	39.60±0.50	≤13.0	1.50±0.20	25
2	50.0	50.60±0.50	≤16.0	2.50±0.20	25
	60.0	61.50±1.00	≤20.0	2.60±0.20	25
	70.0	71.50±1.00	≤23.0	2.60±0.20	25
3	80.0	81.50±1.00	≤26.0	2.60±0.20	25
	90.0	91.50±1.00	≤30.0	2.60±0.20	25
4	100	101.50±1.00	≤33.0	2.60±0.20	25

Technical Data

Property	Test Method	Typical Performance
Tensile strength(MPa)	ASTM D 2671	≥10.4
Ultimate elongation(%)	ASTM D 2671	≥200
Tensile strength after heat aged (Mpa)	175°CX168h	≥7.3
Ultimate elongation after heat aged (%)	175°CX168h	≥100
Longitudinal change(%)	ASTM D 2671	-5%~+5%
Flammability	ASTM D 2671 C method	VW-1
Voltage withstand	UL 224,2500V,60s	No breakdown
Heat shock	UL 224,250°C x 4h	No cracks,flowing or dripping
Dielectric strength (kV/mm)	ASTM D 149	≥15
Volume resistivity (Ω·cm)	ASTM D 876	≥10 ¹⁴