



J. M. Engineering Co.

PRODUCTS

Heat Shrink Sleeves

Single Wall Heat Shrink Sleeves



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RSFR-H(3X)

Universal heat shrink tubing with excellent physical and mechanical properties



Features

- Flexible
- Flame retardant
- Ultra thin wall
- Continuous operating temperature: -55 ~ 125
- Fully shrink temperature: 125
- 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
1/16	1.5	1.6±0.1	0.50	0.45±0.10	200
1/8	3.0	3.2±0.1	1.00	0.55±0.10	200
3/16	4.5	4.7±0.1	1.50	0.60±0.10	200
1/4	6.0	6.2±0.1	2.00	0.65±0.10	100
3/8	9.0	9.3±0.2	3.00	0.75±0.15	100
1/2	12.0	12.3±0.2	4.00	0.75±0.15	100
5/8	15.0	15.3±0.2	5.00	0.80±0.15	100
3/4	18.0	18.3±0.2	6.00	0.85±0.15	100
1	24.0	24.4±0.3	8.00	1.00±0.20	50
1-1/4	30.0	30.4±0.3	10.0	1.15±0.20	50
1-1/2	39.0	39.6±0.5	13.0	1.50±0.20	50
2	50.0	50.6±0.5	16.0	2.50±0.20	25
	60.0	61.5±1.0	20.0	2.60±0.20	25
	70.0	71.5±1.0	23.0	2.60±0.20	25
3	80.0	81.5±1.0	26.0	2.60±0.20	25
	90.0	91.5±1.0	30.0	2.60±0.20	25
4	100.0	101.5±1.0	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)	158 X168h	7.3
Ultimate elongation after heat aged (%)	158 X168h	100
Longitudinal change(%)	ASTM D 2671	-5%~+5%
Flammability	ASTM D 2671 C method	VW-1
Voltage withstand	UL 224, 2500V, 60s	No breakdown
Dielectric strength (kV/mm)	ASTM D 149	15
Volume resistivity (Ω·cm)	ASTM D 876	10 ¹⁴