



J. M. Engineering Co.

A collage of images related to engineering and manufacturing, including a blue and white airplane, various colored heat shrink sleeves, rolls of yellow and green sleeves, a circuit board, and wind turbines. A yellow square is positioned behind the 'PRODUCTS' text.

# PRODUCTS

A light gray world map is visible in the background of the central section.

## Heat Shrink Sleeves

### Single Wall Heat Shrink Sleeves



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# RSFR-H(H)

Thin wall halogen free,flexible heat shrink tubing.



## Features

- Ultra thin wall
- Flexible
- Halogen free
- Flame retardant
- low smoke generation if burning
- Continuous operating
- Temperature:-55 to 125
- Fully shrink temperature:125
- RoHS and Sony compliant



## Dimensions

Size		As Supplied	After Recovery		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	100
	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

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
Dielectric strength (kV/mm)	ASTM D 149	15
Volume resistivity (Ω·cm)	ASTM D 876	10 <sup>14</sup>