



J. M. Engineering Co.

A collage of images related to engineering and industry, including a blue and white airplane, various colored cables, rolls of yellow and green heat shrink 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 Identification Labels



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# RSFR / AMS / HMS / HNF

## Identification Tags“Ladder Type” Thermal transfer

**Description:** According to the structure of label card, the identification tag is made of environment-friendly polyolefin material by means of bombardment and cross-link of high energy electron bunch.

They are mainly applied in the domains such as high-trials, subways, MU train nuclear power station, airplane and space shuttles where the wide-diameter cable and bundle labels with high reliability are required to applied, especially in severe environment.

**Use :** Markers can be easily removed from the carrier, and applied to cables and wire bundles using cable dies. Thermal transfer printer and WO-80500BK ribbon are recommended for meeting printing performance requirements of SAE AS 81531 and MIL-STD-202F.

### Physic performance

Properties	AMS	HMS	HNF	RSFR	Test Method
Tensile strength (MPa)	10.3	13.8	10.3	10.3	ASTM D2671
Tensile strength after aging (MPa)	6.9	11.1	6.9	6.9	ASTM D2671
Ultimate elongation after aging(%)	200	200	200	200	ASTM D2671
Ultimate elongation(%)	100	100	100	100	ASTM D2671
Voltage withstand(V)	2500 V,60s,Pass	2500 V,60s,Pass	2500 V,60s,Pass	2500 V,60s,Pass	UI224
Dielectric strength (MV/m)	19.7	19.7	19.7	19.7	ASTM D2671
Volume resistivity( Ω·cm)	10 <sup>14</sup>	10 <sup>14</sup>	10 <sup>14</sup>	10 <sup>14</sup>	ASTM D2671
Water absorption(%)	0.5	0.5	1.0	1.0	ASTM D570
Corrosion	Pass	Pass	Pass	Pass	UL 224
Heat shock	No cracks , flowing or dripping	No cracks , flowing or dripping	No cracks , flowing or dripping	No cracks , flowing or dripping	UL 224
Low temperature flexibility	No cracks	No cracks	No cracks	No cracks	UL 224
Flammability	VW-1	VW-1	DIN5510-2 S3	60s self-extingish	UL 224 DIN5510-2
Smoke density Ao	NG	NG	0.17	NG	BS6853
Index of toxic fume R	NG	NG	0.56	NG	BS6853

### Specification and size

Order Code	Pack size (pcs/coil)	Marker high (mm)	Marker length (mm)
RSFR-4H-10.4-45-2K-W-B-P0-*	2000	10.4	45
RSFR-4H-10.4-53-2K-W-B-P0-*	2000	10.4	53
RSFR-4H-10.4-64-2K-W-B-P0-*	2000	10.4	64
RSFR-6H-10.4-76-2K-W-B-P0-*	2000	10.4	76
RSFR-6H-10.4-90-2K-W-B-P0-*	2000	10.4	90
RSFR-4H-12.0-102-2K-W-B-P0	2000	12.0	102
RSFR-4H-15.0-45-1.5K-W-B-P0	1500	15.0	45
RSFR-4H-15.0-53-1.5K-W-B-P0	1500	15.0	53
RSFR-4H-15.0-64-1.5K-W-B-P0	1500	15.0	64
RSFR-6H-15.0-76-1.5K-W-B-P0	1500	15.0	76
RSFR-6H-15.0-90-1.5K-W-B-P0	1500	15.0	90
RSFR-4H-20.3-45-1K-W-B-P0-*	1000	20.3	45
RSFR-4H-20.3-53-1K-W-B-P0-*	1000	20.3	53
RSFR-4H-20.3-64-1K-W-B-P0-*	1000	20.3	64
RSFR-6H-20.3-76-1K-W-B-P0-*	1000	20.3	76
RSFR-6H-20.3-90-1K-W-B-*.P0	1000	20.3	90
RSFR-4H-25.4-45-1K-W-B-*.P0	1000	25.4	45
RSFR-4H-25.4-53-1K-W-B-*.P0	1000	25.4	53
RSFR-4H-25.4-64-1K-W-B-*.P0	1000	25.4	64
RSFR-6H-25.4-76-1K-W-B-*.P0	1000	25.4	76
RSFR-6H-25.4-90-1K-W-B-*.P0	1000	25.4	90

### Part Numbering System

