



J. M. Engineering Co.

## PRODUCTS

# Heat Shrink Sleeves

## Identification Labels



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## PUR Identification Tags

**Description:** The PUR cable markers are made of a thermoplastic polyurethane material, which is a halogen free, flame retardant, hydrolysis and micro organism resistant material. The raw material fulfills UL94-V0. For identification of cables and wires, the markers are supplied on rolls for thermal transfer print.

**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.

### Specification and size

Order Code	Color	Pack size (pcs/coil)	Marker high (mm)	Marker length (mm)
PUR-M-4H-10-60-1K-W	White	1000	10	60
PUR-M-4H-15-75-1K-W	White	1000	15	75
PUR-M-4H-25-75-0.5K-W	White	500	25	75
PUR-M-4H-10-60-1K-BL	Black	1000	10	60
PUR-M-4H-15-75-1K-BL	Black	1000	15	75
PUR-M-4H-25-75-0.5K-BL	Black	500	25	75
PUR-M-4H-10-60-1K-Y	Yellow	1000	10	60
PUR-M-4H-15-75-1K-Y	Yellow	1000	15	75
PUR-M-4H-25-75-0.5K-Y	Yellow	500	25	75
PUR-M-4H-10-60-1K-R	Red	1000	10	60
PUR-M-4H-15-75-1K-R	Red	1000	15	75
PUR-M-4H-25-75-0.5K-R	Red	500	25	75

### Physic Performance

Properties	Test Method	Typical value
Hardness	DIN 53505	58 Shore D
Density	DIN 53475	1.27g/cm <sup>3</sup>
Tensile strength	DIN 53504	30MPa
Ultimate elongation	DIN 53504	400%
Stress at 20% elongation	DIN 53504	13MPa
Stress at 100% elongation	DIN 53504	19MPa
Stress at 300% elongation	DIN 53504	33MPa
Tear Strength	DIN 53515	110N/mm
Abrasion Loss	DIN 53516	30 mm <sup>3</sup>
Compression set at room temperature	DIN EN ISO 815	30%
Compression set at 70°C	DIN EN ISO 815	45%
Notched impact strength (Charpy) +23°C	DIN EN ISO 179	50 kJ/m <sup>2</sup>