



## MS

### MILITARY SPECIFICATION HEATSHRINK

- Flame Retardant
- Self Extinguishing
- Meets NSA 937201 Specification
- Perforation after every sleeve for easy sorting
- Print performance to Military Specifications
- Colours - white and yellow
- Shrink Ratio 3:1
- Print on liner enabled

#### GENERAL INFORMATION

Very flexible, high temperature rated, highly flame retardant, UL and CSA recognised heat shrinkable tubing (3:1 shrink ratio).

Flexible polyolefin sleeves used for wire identification and insulation purposes.

Markers are supplied roll form in a flattened format on a carrier designed for use with both dot matrix and transfer thermal printers.

#### TECHNICAL INFORMATION

##### Approvals and Standards

Certified and issued to:

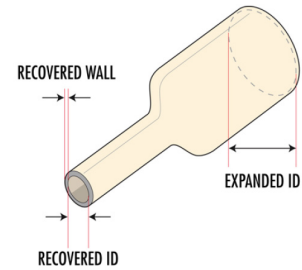
- SAE-AMS-DTL-23053/5
- UL224 VW-1 Flammability
- NSA 937201MR
- NSA 937201MT

Property	Value
Continuous Operating Temperature	-55°C to +135°C
Elongation After Heat Ageing 158°Cx168h)	100% Min.
Heat Shock (250°Cx4h)	Pass no crack, flowing or dripping
Min. Shrink Temp. for full Recovery	+90°C
Longitudinal Change	-15% Max.
Tensile Strength	10.4 MPa Min.
Elongation at Break	200% Min.
Secant Modulus	173 MPa Max.
Flammability	60 sec Max. UL 224 vW1
Voltage Rating	600V

## APPLICATION

### Additional Information

Printer and Ribbon Recommended  
 Printer 300 dpi: MK10  
 Ribbon MK10-RB-BK2020-100  
 Print Performance: -  
 Adherence: SAE-AS5942  
 Fluid Resistance: MIL202 Method 215J  
 Store in original packaging  
 Recommended temp. at +10°C to 25°C 45-55% R.H.  
 Use within 3 years from date of manufacture



## PRODUCT AND ORDER INFORMATION

Nominal Diameter Supplied (ID)	Nominal Diameter Recovered (ID)	Sleeve length	Markers Across	Markers / Box	Order code
2.4	0.8	12.5	4	4000	MS^024125LR*
2.4	0.8	25	2	2000	MS^024250LR*
2.4	0.8	50	1	1000	MS^024500LR*
3.2	1.10	12.5	4	4000	MS^032125LR*
3.2	1.10	25	2	2000	MS^032250LR*
3.2	1.10	50	1	1000	MS^032500LR*
4.8	1.6	12.5	4	4000	MS^048125LR*
4.8	1.6	25	2	2000	MS^048250LR*
4.8	1.6	50	1	1000	MS^048500LR*
6.4	2.10	12.5	4	4000	MS^064125LR*
6.4	2.10	25	2	2000	MS^064250LR*
6.4	2.10	50	1	1000	MS^064500LR*
9.5	3.2	12.5	4	2000	MS^095125LR*
9.5	3.2	25	2	1000	MS^095250LR*
9.5	3.2	50	1	500	MS^095500LR*
12.7	4.2	12.5	4	2000	MS^127125LR*
12.7	4.2	25	2	1000	MS^127250LR*
12.7	4.2	50	1	500	MS^127500LR*
18.0	6.4	12.5	4	2000	MS^180125LR*
18.0	6.4	25	2	1000	MS^180250LR*
18.0	6.4	50	1	500	MS^180500LR*
25.4	8.5	12.5	4	1200	MS^254125LR*
25.4	8.5	25	2	600	MS^254250LR*
25.4	8.5	50	1	300	MS^254500LR*
38.1	19.1	50	1	100	MS^381500LR*

\*= colour (4= yellow, 9= white)  
 ^=printable sides (S=single sided, D=Double sided)

### Ordering Information Example

MS ^ 032 050 LR \*

- Colour (4=Yellow, 9=White)
- Packaging type
- Marker width mm
- Marker length mm
- Printable sides (S=Single sided, D=Double sided)
- Product

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