



+ INFORMATION

MS - Military Specification Printable Heat Shrink Sleeves

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. Markers are supplied roll form in a flattened format on a carrier which can also be printed to aid sorting.

- + Flame Retardant
- + Self Extinguishing
- + Meets requirements of SAE-DTL-23053/5
- + Easy Pick Application
- + Backing card perforated after every sleeve
- + Print performance to Military Specifications
- + RoHS and REACH Compliant

+ SPECIFICATIONS

Temperature range
-55°C to +135°C

Material
flexible polyolefin

Print
thermal transfer

Standard colours
yellow and white

Shrink ratio
3:1

Certified and issued to:
SAE-AMS-DTL-23053/5
UL224 VW-1 Flammability

Print performance to military specifications
Adherence: SAE-AS5942
Fluid Resistance: MIL202G Method 215K

+ PROPERTIES

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	UL 224 VW1
Voltage Rating	600V

+ RELATED PRODUCTS



MK10
PAGE 108



MK10-DH
PAGE 110



EOS1
PAGE 106



RIBBONS
PAGE 81



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PRODUCT RANGE

TYPE	DIAMETER [mm] BEFORE SHRINKING	DIAMETER [mm] AFTER SHRINKING	SLEEVE LENGTH [mm]	MARKERS ACCROSS	MARKERS / BOX
MS^024125LR*	2.4	0.8	12.5	4	4000
MS^024250LR*	2.4	0.8	25	2	2000
MS^024500LR*	2.4	0.8	50	1	1000
MS^032125LR*	3.2	1.10	12.5	4	4000
MS^032250LR*	3.2	1.10	25	2	2000
MS^032500LR*	3.2	1.10	50	1	1000
MS^048125LR*	4.8	1.6	12.5	4	4000
MS^048250LR*	4.8	1.6	25	2	2000
MS^048500LR*	4.8	1.6	50	1	1000
MS^064125LR*	6.4	2.10	12.5	4	4000
MS^064250LR*	6.4	2.10	25	2	2000
MS^064500LR*	6.4	2.10	50	1	1000
MS^095125LR*	9.5	3.2	12.5	4	2000
MS^095250LR*	9.5	3.2	25	2	1000
MS^095500LR*	9.5	3.2	50	1	500
MS^127125LR*	12.7	4.2	12.5	4	2000
MS^127250LR*	12.7	4.2	25	2	1000
MS^127500LR*	12.7	4.2	50	1	500
MS^180125LR*	18.0	6.4	12.5	4	2000
MS^180250LR*	18.0	6.4	25	2	1000
MS^180500LR*	18.0	6.4	50	1	500
MS^254250LR*	25.4	8.5	25	2	600
MS^254500LR*	25.4	8.5	50	1	300
MS^381500LR*	38.1	12.7	50	1	100

^= S (single sided), D (double sided); * = Colour (4=Yellow, 9=White)
Recommended ribbon: 2020 serie s