



The WM - LFH Heat Shrinkable Wire Markers are made of halogen free, flame retardant and low smoke heat shrinkable polyolefin tubing with ideal printability properties for identification purposes.

The compound of the tubing is excluded for halogens and offers excellent low fire hazard characteristics combined with minimal smoke emission.

Dimensions

Size, Inches	Size, mm	Minimum ID, as supplied	Maximum ID, recovered	Recovered wall thickness, mm
3/32	2.4	2.4	1.2	0.35±0.10
1/8	3.2	3.2	1.6	0.40±0.10
3/16	4.8	4.8	2.4	0.50±0.10
1/4	6.4	6.4	3.2	0.55±0.10
3/8	9.5	9.5	4.8	0.60±0.10
1/2	12.7	12.7	6.4	0.60±0.10
3/4	19.1	19.1	9.5	0.80±0.15
1	25.4	25.4	12.7	0.90±0.15
1 1/2	38.1	38.1	19.1	1.00±0.15
2	50.8	50.8	25.4	1.00±0.15

Technical

Properties	Test Method	Typical value
Tensile strength	GB/T1040	10.4 Mpa (min.)
Elongation at break	GB/T1040	≥200%
Longitudinal change	UL224	+/-5%

Electrical

Properties	Test Method	Typical value
Dielectric strength	GB/T1408	15 kV/mm ²

Standard colours

Yellow and white

Material

Radiation cross linked polyolefin, shrink ratio 2:1

Operating temperature

-40°C to +125°C

Minimum shrink temperature

>70°C

Specifications

Adherence: MIL-M 81531 AS (SAE-AS81531-1998), point 4.6.2.

UL224 recognized file E203950

CSA certified file 220127

Notes:

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We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.

Chemical

Properties	Test method	Typical value
Chemical resistance	AMS-DTL-23053/5	Good
Copper corrosion	UL224	No corrosion
Copper stability	UL224	No corrosion

Thermal

Properties	Test method	Typical value
Heat shock 4 hours at 250°C	ASTM D 2671	No dripping, cracking or flowing
Heat aging 168 hours at 158°C	ASTM D 638	Elongation 100%
Flammability	UL224	Pass » flame retardant

Carrier liner

White, non-coated, medium range thermal sensitive paper cardstock.
Thickness 185 ± 10 µm. Width 109mm ± 0.5mm.

Adhesive backing

Clear, polyethylene film coated with an acrylic-based pressure sensitive adhesive.
Thickness 0.10mm. Width 72/85mm.

The products are supplied on a thermal sensitive cardstock liner converted into a ladder construction offering superb organization of the markers. The cardstock liner is die-cutted with cavities where into the sleeves are applied, supported by a backing adhesive.



Storage

Store in original packaging.
Recommended temperature at +10°C to +25°C and 45-55% relative humidity
Use within 3 years from date of Manufacture.

Printer recommended

CAB A4+ 300dpi printer

Applications

Common uses include marking, insulation, wire bundling and mechanical protection.

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