



The WMX 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	Minimum 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 ½	38.1	38.1	19.1	1.00±0.15
2	50.8	50.8	25.4	1.00±0.15

### Physical

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 <sup>2</sup>

### Standard colours

Yellow, 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

**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+M 300dpi printer

**Applications**

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


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