

Part Number MTTAG

Header MTTAG Low Fire Hazard Marker Tags

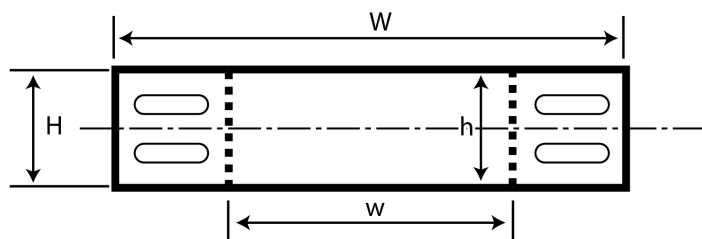
Description MTTAG is made from zero halogen, radiation cross-linked and UV stabilized polyolefin that provide low smoke and low toxicity properties. Primarily used for cable and wire-bundle identification where limited fire hazards characteristics are required. MTTAG marker tag material has excellent printing properties, remaining legible under aggressive exposure to elements such as cleaning solvents, fuel and oils. Meets ASM-DTL-23053/5 class 1 requirements as well as SAE AS811531 4.6.2 and MIL-STD-202 specs.

Agency Approval & Compliance UL, CUL, RoHS, SAE, MIL Spec, Flame Retardant, REACH, VW1

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Shrink Ratio and Operating Temperature Operating temperature range -40°C to 125 °C

Size



Sizes:

Size	Marker dimensions (W*H)		Printable area (w*h)		Pack size (pcs)
mm	mm	Inches	mm	Inches	Track
45	45.0*10.4	1.8*0.4	25.0*10.4	1.0*0.4	1000
70	70.0*20.3	2.75*0.8	50.0*20.3	2.0*0.8	500

Typical Properties

Item	Specifications
Temperature Range (°C)	-40~125
Tensile Strength (MPa)	≥10.3
Ultimate Elongation (%)	≥200
Aging in Circulating-air Oven	175.0±2.0°C, 168hrs
Tensile Strength (MPa) - After Aging	≥6.9
Ultimate Elongation (%) - After Aging	≥100
Volume Resistivity (Ω.cm)	≥10 ¹⁴

ASTM D2671 Average burn time is <1minute UL224 VW-2	ASTM D2671 Average burn time is <1minute UL224 VW-1
Heat Shock	250±3°C/4h
Low Temperature Flexibility	—25±1°C/4h
Fluid Resistance	SAE-AMS-DTL-23053.4.6.11 No Damage
Print Endurance	SAE AS81531.4.6.2 Legible after 50 Rubs
Color Stability	175.0±2.0°C/24h Pass

Availability 500 (75mm) & 1000 (45mm) piece tracks

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