



# SM-CM Printable Cable Tags



## Product Overview:

SumiMark SM-CM (Printable Cable Tags) are flat, irradiation cross-linked, polyolefin labels specifically designed for application on large cables and harnesses. These environmentally resistant, flame-retarded tags provide superior reliability with minimal waste and a low installed cost. SM-CM tags are applied to cables or harnesses with cable ties.

## Applications:

- Retrofit projects where removal of existing cables is problematic
- Large cables and harnesses
- General purpose tie-wrap

## Product Features:

- Continuous design results in low waste
- Operating temperature range  $-55^{\circ}\text{C}$  to  $+135^{\circ}\text{C}$  and up to  $200^{\circ}\text{C}$  for short durations
- UV stable
- 4 hole design
- 1/4" and 1/2" printable space
- RoHS/RoHS2 compliant
- Colors—white and yellow

## Recommended Printer & Ribbon:

SumiMark® Marking System Model IV 300 DPI  
Ribbon SumiMark® SM3 Super Ribbon

## Print Performance:

Adherence: SAE-AS5942  
MIL-STD-202G, Method 215J  
Store in original packaging



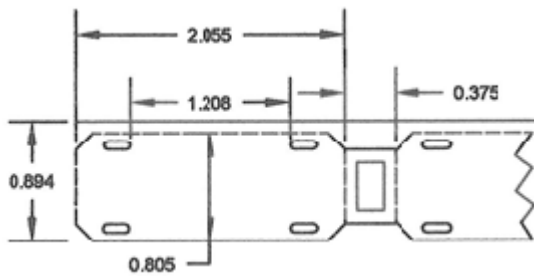
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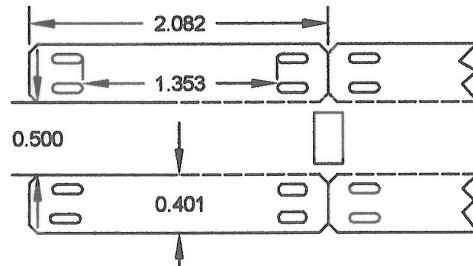
### Technical Specifications:

Property	Test Method	Requirement
Thickness	Calipers or micrometer	0.022" nom.
Tensile strength (psi)	ASTM D 412	1500 min.
Elongation (%)	ASTM D 412	200 min.
Specific gravity	ASTM D 792	1.35 max.
Heat resistance (175° C, 168 hrs.)	AMS-DTL-23053	—
Elongation (%)	ASTM D 412	100 min.
Secant modulus (psi)	ASTM D 882	2.5 X 10 <sup>4</sup> max.
Heat Shock (250° C, 4 hrs)	AMS-DTL-23053	no cracking, dripping or flowing
Chemical:		
Water absorption (%)	ASTM D 570	0.5 max.
Fungus Resistance	ASTM G 21	Rating = 0 (no growth)
Additional Fluid Resistance Data	24 hr. immersion/room temp. Followed by toothbrush 20 strokes	
A) JP-8 aircraft fuel		Print legible
B) Sydnol 500 B4		Print legible
C) MIL-PRF-5606 hydraulic fluid		Print legible
D) MIL-PRF-7808 lubricant		Print legible
E) SAE-AS8243 anti-icing fluid		Print legible
F) Aviation gasoline (100/130)		Print legible
G) 5% salt water		Print legible
UV Resistance of Mark	720 hrs. exposure to xenon-arc lamp	Print legible

### Standard Sizes:



1/4" Printable Area



1/2" Printable Area

**Standard Colors:** White and Yellow.

**Standard Package:** Spooled

**How to Order:** Type of Material

Size

Color

Packaging

Example: SM-CM

1/4

White

1,000 pieces