

## SM-CM Printable Cable Tags

### Applications:

- Wire identification
- Retrofit
- Large cables and harnesses
- General purpose tie-wrap

### Product Features:

- Non-shrinkable
- 1/4" and 1/2" printable area
- Operating temperature range -55°C to +135°C and up to 200°C for short durations
- 4 hole, continuous design for low waste
- UV stable
- Colors - white and yellow



### Required Printer & Ribbon:

Printer - Sumimark™ IV PLUS  
Marking System  
Ribbon - Sumimark™ SM3

### Print Performance:

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



### Product Overview

**Quality Counts!** Sumimark™ SM-CM printable cable tags are flat, irradiated, cross-linked polyolefin material specifically designed for identification of large cables and harnesses. These environmentally resistant, flame-retarded tags provide superior reliability with high tensile strength. SM-CM cable tags are applied with cable ties.

**Lower Cost!** Due to continuous design, SM-CM cable tags provide significantly lower installation cost versus pre-cut formats.

**How can we help?** Contact us for more information:

800 758 3515  
customerservice@seipusa.com  
www.seipusa.com

## SM-CM

### Printable Cable Tags

**Technical Specifications:**

RoHS/RoHS2 Compliant

**Electrical**

Property	Test Method	Requirement
Thickness	Calipers	0.022" nom.
Tensile strength (psi)	ASTM D412	1500 min.
Elongation (%)	ASTM D412	200 min.
Specific gravity	ASTM D792	1.35 max.
Heat shock (250 °C, 4 hrs)	AMS-DTL-23053	no cracking
Heat resistance (175 °C, 168 hrs)	AMS-DTL-23053	no cracking
Elongation (%)	ASTM D412	100 min.
Secant modulus (psi)	ASTM D882	2.5 x 10 <sup>4</sup> max.
Longitudnal change (%)	AMS-DTL-23053	+/- 10

**Chemical**

Dielectric strength (volts/mil)	ASTM D876	400 min.
Volume resistivity (ohm-cm)	ASTM D876	1.0 x 10 <sup>11</sup> min.
Water Absorption (%)	ASTM D570	0.5 max.
Fungus Resistance	ASTM G21	Rating = 0

**Print Adherence**

Abrasion (eraser method)	SAE-AS5942	30 rubs
Fluid Resistance:	MIL-STD-202G, Method 215	
Isopropyl Alcohol/Mineral Spirts Blend		10 rubs (x3)
Terpene Defluxer		10 rubs (x3)
H <sub>2</sub> O/PGME/Monoethanolamine		10 rubs (x3)
UV Resistance: 720 hrs. xenon arc lamp exposure		marks legible

**Additional Fluid Resistance Data**

24 hr. immersion/room temperature followed by 20 strokes with toothbrush	
a) JP-8 aircraft fuel	print legible
b) Skydrol 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
f) UV resistance of mark (720 hrs. exposure to xenon-arc lamp)	print legible

**We can help:** 800 758 3515

[customerservice@seipusa.com](mailto:customerservice@seipusa.com)
[www.seipusa.com](http://www.seipusa.com)

Rev. A, May 2022

## SM-CM Printable Cable Tags

### Standard Sizes:

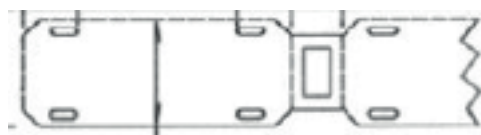
Please see table to the right for standard sizes.



1/4" Printable Area

### Dimensional Information:

Please refer to diagram to the right for dimensions.



1/2" Printable Area

### Standard Colors:

White and yellow.



### Standard Package:

Continuous, spooled. Pieces.

### How to order:

Example: SM-CM, 1/4", White  
SM-CM, 1/2", White

Type of material	Size	Color	Packaging
SM-CM	1/4	White	1,000 pieces
SM-CM	1/2	White	500 pieces

**We can help:** 800 758 3515    customerservice@seipusa.com    www.seipusa.com