

SumiMark® IV

THERMAL TRANSFER MARKING SYSTEM



Heat Shrinkable Marking Solutions You Can Trust

The SumiMark® IV is a versatile, high performance thermal transfer marking system designed to print free-form text, serialized alpha/numerics, barcodes and graphics.

It is the only system of its kind to print on both continuous spools of SumiMark® and Sumitag™ formatted heat shrinkable and specialty products.

The SumiMark® IV is operated by our proprietary Sumilabel™ software, an intuitive yet feature-rich application developed specifically for requirements of the cable harness industry.

The system produces a dry, permanent mark which can be handled immediately after printing. After installation and recovery, printed sleeves meet SAE-AS5942 quality specification for print adherence and resistance to abrasion and solvents.

SumiMark® IV.....

System Capabilities

- Prints on a wide variety of SumiMark® continuous spools and Sumitag™ formatted products ranging in diameters from 1/16" to 2" with expansion ratios of 2:1, 3:1 and 4:1 and a variety of colors.
- Integrated cutter produces full or scored cut lengths ranging from 0.25" to 4".
- Prints high quality marks on round or flattened SumiMark® and Sumitag™ Heat Shrinkable Products, plus Cable Labels and Panel Labels





SumiMark® Heat Shrinkable Tubing Products

Sumitomo Electric Interconnect Products, Inc. offers a comprehensive selection of SumiMark® continuous heat shrinkable tubing products which are perfect for applications whereby flexibility and cost savings are needed.

SumiMark® Product Series	Product Description	Product Specification	Shrink Ratio	Colors	Industry Certifications & Approvals	Size Range
SM3-12	Flexible Polyolefin	SAE-AMS-DTL 23053/5, Class 1& 3 UL/CSA VW-1	2:1	Black, White, Red, Yellow, Blue	UL, CSA, RoHS	1/16" to 2"
SM3-13	Very Flexible Clear Polyolefin (non-flame retarded)	SAE-AMS-DTL 23053/5, Class 2	2:1	Clear	RoHS	1/16" to 2"
SM3-16	Very Flexible Chlorinated Polyolefin	SAE-AMS-DTL 23053/1, Class 1&2	2:1	Black	RoHS	1/8" to 2"
SM3-23	Flexible Polyolefin	SAE-AMS-DTL 23053/5, Class 1 Material and Functional Requirements UL224/CSA VW-1	3:1	Black, White, Red, Yellow, Blue, Green	UL, CSA, RoHS	1/16" to 1 1/2"
SM3-24	Adhesive Lined Dual Wall Polyolefin	SAE-AMS-DTL 23053/4, Class 2, UL224	2:1	Black	UL, RoHS	1/8" to 1"
SM3-25	Adhesive Lined Dual Wall Polyolefin	SAE-AMS-DTL 23053/4, Class 3	3:1	Black	RoHS	1/8" to 1 1/2"
SM3-31	Flexible Fluoropolymer	SAE-AMS-DTL 23053/18, Class 3	2:1	White	RoHS	1/8" to 1"
SM3-34	Halogen Free, Low Smoke, Flexible Polyolefin	Various rail and Transit	2:1	White, Yellow	RoHS	3/32" to 2"
SM3-41	Very Flexible Over Expanded Polyolefin	SAE-AMS-DTL 23053/5, Class 1	4:1	Black	RoHS	3/4" to 2"
SM3-60	High Temperature Fluoroelastomer, Fluid Resistant	SAE-AMS-DTL 23053/13	2:1	Black, white	RoHS	1/8" to 2"
SM-CM	Flat, non-shrinkable, tie-on irradiated polyolefin labels.	Large cable harness and retrofit applications	NA	White, Yellow	RoHS	1/4" and 1/2"

SumiMark Ribbon Options



The SumiMark® line of thermal transfer ribbons have been tested specifically with SumiMark® IV Marking Systems to ensure optimal print quality and adherence. We provide a variety of ribbon types, colors and widths to meet your printing needs.

Product Features:

- Superior resistance to solvents
- Excellent abrasion resistance
- Supplied in 2" and 3.25" widths
- Black and white standard. Colors available.

Print Performance:

Adherence: SAE-AS5942

Fluid Resistance: Mil-STD-202 Method 215J

Outgassing: NASA SP-R-0022A

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.

www.seipusa.com
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The information contained in this brochure is believed to be correct and in accordance with accepted engineering practices. Because of the varied nature of the uses for these products, each user should make their own evaluation regarding the suitability of these products for their specific application.

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