

SumiMark® IV

THERMAL TRANSFER MARKING SYSTEM





Welcome to Sumitomo Electric Interconnect Products. . . .

Since our inception in 1985, Sumitomo Electric Interconnect Products, Inc. has been a wholly owned subsidiary of Sumitomo Electric Fine Polymers in Osaka, Japan. Our core products include **SUMITUBE®**, **SumiMark® and Sumitag™ Heat Shrinkable Tubing**, **STS Solder Termination Sleeves**, **SumiMark® and Sumitag™ Thermal Transfer Marking Systems**.

The SumiMark® IV Thermal Transfer Marking System sets the industry standard as the most **cost effective, versatile, easy-to-use and reliable** marking system available. The SumiMark® IV is designed to create high quality marks on SumiMark® continuous and Sumitag™ formatted heat shrinkable tubing, plus a variety of other specialty products. All marks meet the highest quality standards per **SAE-AS5942 for print adherence**.

The SumiMark® IV Marking System has become the thermal transfer marking system of choice for **critical identification applications for Electronic OEM, Industrial/MRO and Military/Aerospace Industries**.

Our globally positioned customers are top tier technology companies within their respective market segments and have come to rely on our products for a lifetime of reliability.

Sincerely,
Nobuyoshi Fujinami
President

Sumitomo Electric Interconnect Products, Inc.
915 Armorlite Drive
San Marcos, CA 92069-1440

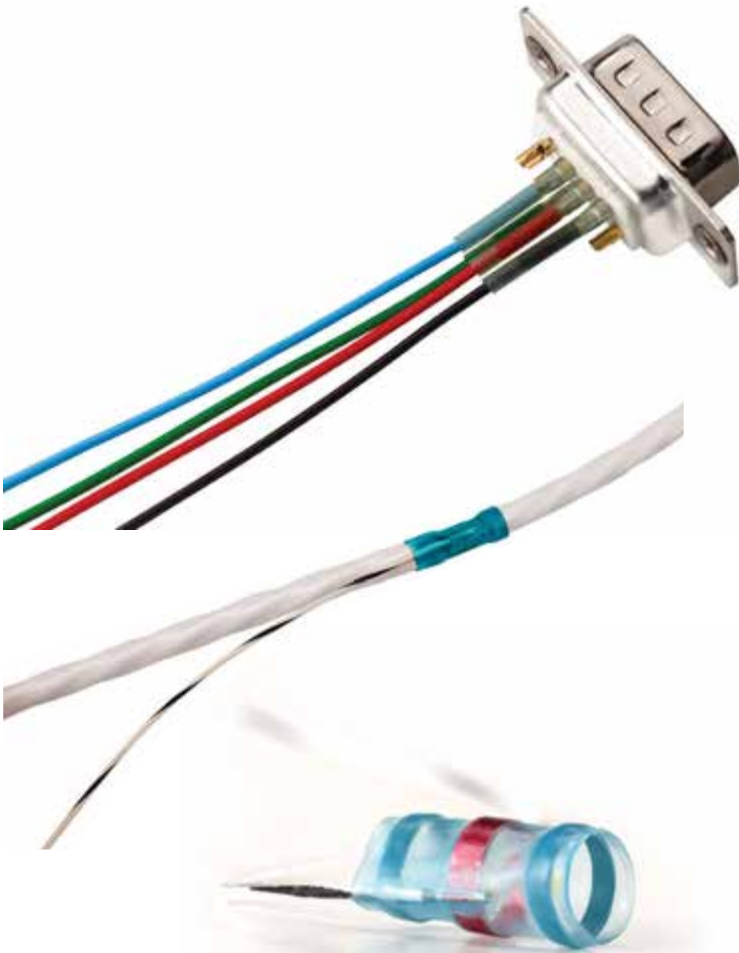


The System Solution...

Sumitag™ STP-300 DS Double Sided Printer

Thermal Transfer Marking System

- Superior 300 DPI Print Quality
- Double sided Printing
- Meets SAE-AS5942 for print adherence
- SumiLabel software compatible with Windows XP, Windows 7 and Windows 8
- Prints text and graphics including logos and barcodes
- Prints on SumiMark® Continuous and Sumitag™ Formatted Products



STS Solder Termination Sleeves

Wire & Cable Terminations for Mission Critical Applications

Applications:

- **Cable Shield Terminations**
- **Wire to Wire Splicing**
- **Wire to Pin Terminations**
- Meets SAE-AS83519
- High Temperature Shrink Tubing Jacket with Solder Preforms And Thermoplastic Sealing Rings. Pre-installed Ground Wire Optional
- Variety of Sizes and Types for Specific Applications
- Field Performance Proven in High Technology Applications in Electronic OEM, Automotive and Military/Aerospace Industries

Heat Shrinkable Marking Solutions You Can Trust

The SumiMark® IV is a high performance thermal transfer marking system designed to print free-form *serialized, graphics, logos, and barcodes*.

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

The SumiMark® IV is a simple, intuitive and easy to use computerized marking system which is compatible with **Microsoft XP, Windows 7 and Windows 8** software.

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 requiring 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
- Produces full or scored cut lengths ranging from 0.25" to 4" – in increments of 0.01"
- Prints high quality marks on round or flattened SumiMark® and Sumitag™ Heat Shrinkable Products, plus Cable Labels and Panel Labels





SUMIMARK
SUMITOMO ELECTRIC



Hardware Features

- 300 dpi print head produces superior quality marks
- Easy access product loading design allows for setup within seconds
- Heavy duty, industrial strength frame measures 18"(H), 20"(L), 22"(D)
- USB, Ethernet or Parallel communication interfaces
- Full cut or scored cut options

Software Features

- *SumiLabel* software compatible with *Microsoft XP, Windows 7 or Windows 8 operating systems*
- Intuitive software interface allows for marker creation and printing in less than 2 minutes
- Simple file importing process allows conversion of *ASCII, CSV, Tab-delimited* and other file types to pre-loaded wire list
- Revolutionary Drag-and-Drop process converts *Microsoft Excel* files into the *SumiLabel* software with a simple click and drag function
- Auto and Variable Length features eliminates waste by automatically sizing text to marker length and diameter
- All standard *Windows Fonts, Styles and Sizes* available
- Easy import of graphics including *Logos, Barcodes* from various file formats

MRI Unit #10
Power Circuit #42



Freedom Tower
Power Circuit #2





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 23053/5, Class 1 & 3 UL/CSA VW-1	2:1	Black, White, Red, Yellow, Blue, Green, Violet, Gray, Orange	UL, CSA, RoHS	1/16" to 2"
SM3-13	Very Flexible Clear Polyolefin	SAE-AMS 23053/5, Class 2	2:1	Clear	RoHS	1/16" to 2"
SM3-16	Very Flexible Chlorinated Polyolefin	SAE-AMS 23053/1, Class 1 & 2	2:1	Black	RoHS	1/8" to 2"
SM3-23	Flexible Polyolefin	UL224/CSA VW-1 SAE-AMS 23053/5, Class 1 Material and Functional Requirements	3:1	Black, White, Red, Yellow, Blue, Green, Violet, Gray, Orange	UL, CSA, RoHS	1/16" to 1 1/2"
SM3-24	Adhesive Lined Dual Wall Polyolefin	SAE-AMS 23053/4 Class 2, UL224	2:1	Black	UL, RoHS	1/8" to 1"
SM3-25	Adhesive Lined Dual Wall Polyolefin	SAE-AMS 23053/4 Class 3	3:1	Black	RoHS	1/8" to 1 1/2"
SM3-31	Flexible Fluoropolymer, (KYNAR)	SAE-AMS 23053/18 Class 3	2:1	White	RoHS	3/64" to 1"
SM3-34	Halogen Free, Low Smoke, Flexible Polyolefin		2:1	White, Yellow	RoHS	3/32" to 2"
SM3-41	Very Flexible Over Expanded Polyolefin	SAE-AMS 23053/5 Class 1 Over Expanded	4:1	Black	RoHS	3/4" to 2"
SM3-60	High Temperature Fluoroelastomer, Fluid Resistant	SAE-AMS 23053/13	2:1	Black, White	RoHS	1/8" to 1 1/2"

Sumitag™ Heat Shrinkable Tubing Products

Sumitomo Electric Interconnect Products, Inc. offers a comprehensive selection of Sumitag™ formatted heat shrinkable products which are perfect for applications whereby kitting and established manufacturing procedures are required.



Sumitag™ Product Series	Product Description	Product Specification	Shrink Ratio	Colors	Industry Certifications & Approvals
HPS	Very Flexible Polyolefin	SAE-AMS 23053/5	2:1	White, Yellow	RoHS
HPS		SAE-AMS 23053/5, Class 1 Material and Functional Requirements	3:1	White, Yellow	RoHS
HTS	Flexible High Temperature, Polyvinylidene Fluoride	SAE-AMS 23053/18, Class 3	3:1	White	RoHS
LFD	Low Fire Hazard, Low Smoke,	Zero Halogen, Low Toxicity Polyolefin	2:1	White, Yellow	RoHS
DRS	Diesel Resistant Polyolefin	Mass Transit, Aerospace, Marine and other Industrial Applications	3:1	White, Yellow	RoHS
RPL	Adhesive Backed Panel Labels	Electrical Cabinet, Push Button, Patch Panel Applications		White, Yellow, Silver	RoHS
CLHX	Tie-On Cable Label	Zero Halogen, Low Toxicity Polyolefin for Extended Product Safety		White, Yellow	RoHS

SumiMark® SM-CM Printable Cable Marker Tags:

SumiMark® SM-CM printable marker tags are flat identification labels used for large cable or wire harnesses and are especially suitable for retrofit applications where no damage to or removal of existing components are required. These polyolefin tags are applied to cable bundles with small cable ties.

When printed with the SumiMark® IV Marking System using **SM3 Black Super Ribbon**, the mark meets print adherence requirements of **SAE-AS5942**.

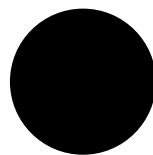
The marker tags are supplied on continuous spools of 1000 or 500 pieces and are available in yellow and white with printable areas of ¼" (H) x 2" (L) and ½" (H) x 2" (L)



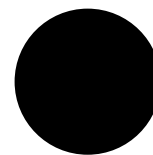
SumiMark® Ribbon Options

SumiMark® ribbons are available in 2" and 3.25" widths and are the only ribbons qualified for use with the SumiMark® IV Marking System. Printed marks instantly dry and meet print adherence requirements of **SAE-AS5942**, after shrinking.

Standard Color Options.
Other colors are available upon request.



Black



Super Black



Matte White

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.

www.seipusa.com
www.sumitube.com

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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ISO 9001:2008
ISO 14001:2004

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