



SUMIMARK[®] IV

T h e r m a l T r a n s f e r M a r k i n g S y s t e m

Cost Effective, Versatile, Easy-to-Use and Reliable

SUMIMARK® IV OVERVIEW:

The SumiMark® IV Printing System is a feature-rich, high performance thermal transfer marking system designed to print on a wide variety of continuous spools of SumiMark® tubing materials. Its new design provides excellent print quality, reliability and optimum ease of use. The SumiMark® IV Printing System produces a dry, permanent mark which can be handled as soon as it is printed. After recovery, printed SumiMark® sleeves meet the exacting Mil-spec mark permanence requirements for abrasion and solvent resistance. The combination of the SumiMark® IV printer, SumiMark® tubing, and SumiMark® ribbon provides a high quality marker printing system.

MECHANICAL DESIGN FEATURES:

- 300 dpi print head produces superior quality printing on material diameters ranging from 1/16" to 2".
- Easy loading guide design allows for fast material changes.
- Compact, industrial-strength frame conserves space and provides years of reliable service.
- USB 2.0, Ethernet, parallel and serial communication interfaces.
- Fully integrated in-line cutter for full or partial cutting.

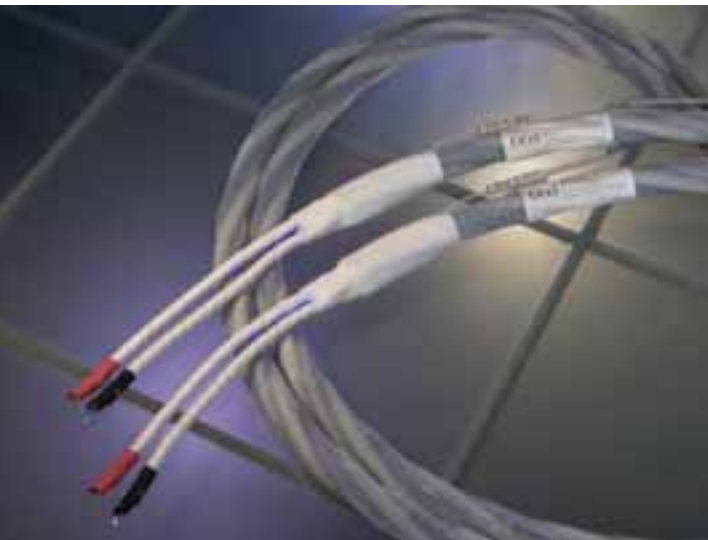


SOFTWARE FEATURES:

- SumiMark® 6.0 software is compatible with Windows XP, Vista and Windows7 operating systems.
- The intuitive 3 step marker creation to printing process allows operators to easily create and print markers in less than 2 minutes.
- Allows for creation of text, graphics, logos, barcodes and sequential alpha/numeric markers.
- Auto and Variable Length features provide added flexibility and less material waste.
- Import Excel, ASCII or tab-delimited files for automatic conversion to wire lists.
- Folder management system allows for dedicated wire lists for various job types and customers.
- Ability to print markers at varying lengths ranging from 0.25" to 4" dramatically reducing waste.

APPLICATIONS:

- General wiring harness assembly
- Custom cables requiring graphics
- Military
- Commercial



TUBING:

The SumiMark® IV Marking System utilizes SumiMark® tubing, available in a wide variety of colors and sizes ranging from 1/16" to 2". SumiMark® tubing meets military and commercial specifications AMS-DTL-23053 and UL 224/CSA. Marked sleeves meet the print adherence requirements of SAE-AS5942.

- SM3-12 Flexible, Flame Retarded Polyolefin 2:1 shrink ratio. M23053/5, Class 1 & 3. UL224/CSA VW-1.
- SM3-13 Very Flexible Clear Polyolefin. 2:1 shrink ratio. M23053/5, Class 2.
- SM3-16 Very Flexible, Flame Retarded Elastomer. 2:1 shrink ratio. M23053/1, Classes 1 & 2.
- SM3-23 Flexible, Flame Retarded Polyolefin 3:1 shrink ratio. UL224/CSA VW-1.
- SM3-24 Adhesive-lined Flexible Dual Wall Polyolefin 2:1 shrink ratio. M23053/4 Class 2, UL224.
- SM3-31 Flexible Modified Fluoropolymer. 2:1 shrink ratio. M23053/18, Class 3.
- SM3-41 Very Flexible, Flame Retarded Polyolefin. 4:1 shrink ratio. M23053/5 Class 1, overexpanded.
- SM3-60 Highly Fluid Resistant, Flame Retarded Fluoroelastomer. 2:1 shrink ratio. M23053/13.

RIBBONS:

SumiMark® ribbons are available in 2" and 3.25" widths and are especially formulated to provide an instantly dry mark which meets the print adherence requirements of SAE-AS5942, after shrinking.

All SumiMark® tubing and ribbons are RoHS compliant for minimal environmental impact.

SumiMark® IV System Technical Specifications

PRINTER MODEL	SUMIMARK® IV
Printing Method	Thermal Transfer
Dot Density	300 dpi (12 dots/mm)
Operating System	Microsoft Windows XP, Vista and Windows 7
Software	SumiMark® Printing System 6.0
Effective Print Width	3.25" (82.55 mm)
Tubing Diameters	1/16" to 2"
Tubing Colors	See Specific Tubing Data Sheet
Cut Length Range	0.25" to 4". Consult factory for length greater than 4".
Font Types	All Windows Fonts
Font Size	5 pt. to 120 pt. (0.08" to 1.65" high)

Bar Code Type	All Basic Barcodes
Sequencing	Alpha-Numeric, up to two Simultaneous Sequences
Ribbon	Black, White and Colors
Print Adherence	SAE-AS5942
Hardware Dimensions	Width: 10" (254 mm) Depth: 16" (406 mm) Height: 10" (254 mm) Weight: 25 lbs.
Electrical Specification	Auto-Switching Power Supply 110/220 VAC and 50/60 Hz
Communication Interface	USB 2.0, Ethernet, Parallel and Serial Ports



**Unsurpassed
quality,
consistency,
and reliability**



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