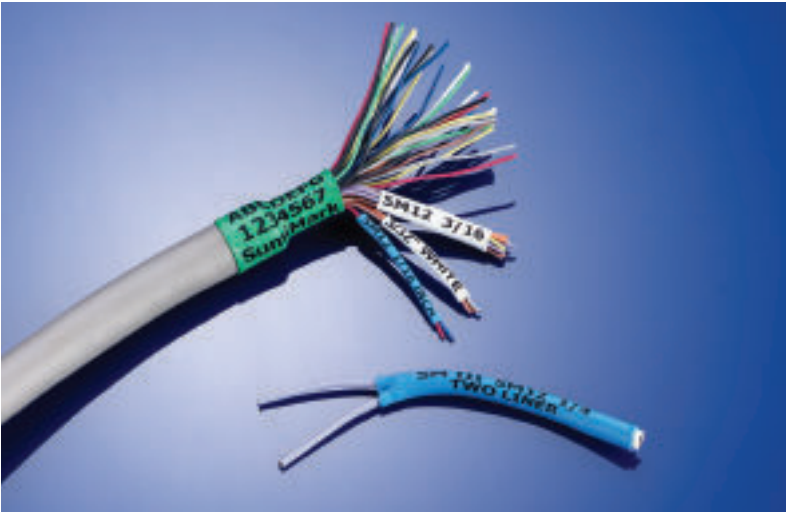




SUMIMARK® III

Thermal
Transfer
Marking
System



GENERAL DESCRIPTION

- SumiMark® III is a high performance, high speed thermal transfer marking system designed to print on continuous spools of a wide variety of SumiMark® tubing materials and sizes (Tubing diameters from 1/16" to 2"). The SumiMark® III produces a dry, permanent mark that can be handled as soon as it is printed. After recovery, our printing meets the demanding mark permanence requirements of SAE-AS81531 for both abrasion and solvent resistance.
- The 300 dpi print head produces crisp, high quality text, barcodes and graphic images. The capability to print on continuous spools of a large range of tubing materials such as polyolefin, fluoropolymer, and dual wall adhesive lined, allows the end user the ability to design a marker tag, which can be used in the most demanding and severe environments.
- Creating custom markers or retrieving wire lists from a database is a simple step-by-step menu-driven process.



HARDWARE

- The entire hardware module is of proven design and concept, utilizing state-of-the-art electro-mechanical innovations that assure consistent print quality and long term reliability.
- The SumiMark® III provides network capability. With such connectivity, print jobs can be created and modified from any remote location using internet Web-based tools.
- The printer unit includes a fully integrated in-line cutter module that can provide full cutting or partial cutting for kitting purposes.



**Abrasion
resistant,
durable &
flexible**

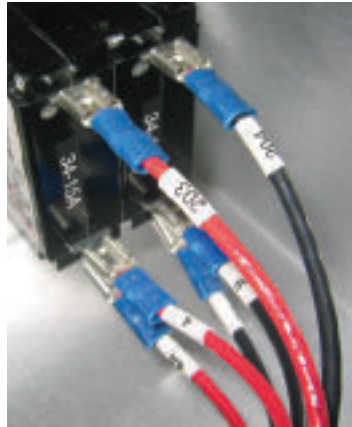


SOFTWARE

- SumiMark® Advanced Software is designed to be compatible with Windows® 98, 2000, NT 4.0, ME, and XP. The software allows you to easily create text markers, standard barcodes, sequential numbering, graphics and logos or mix and match any of these to create a completely customized marker. Scanned images, bit maps or any True Type font or style you desire can be used to create your marker tag.
- The system accepts tab-delimited files for automatic conversion to wire lists for on-line processing or for placement in various project archives.

CAPABILITIES

- Unlike pre-formatted products, SumiMark® tubing markers can be programmed to be from 0.5" long to 29" long in 0.1" increments with no restrictions as to content. Alpha and/or numeric printed information can be automatically incremented or decremented as single or multiple markers. The end user can use up to 4 simultaneous sequences per marker.
- The individual marker length as defined by the user assures minimal tubing waste as each marker is printed and cut. The number of characters and lines of text are a function of tubing size, length, and operator choice.



Alphanumeric
legends,
bar codes,
scanned images

TUBING AND RIBBONS

- SumiMark® tubing is available in standard colors and sizes from 1/16" to 2" that meet the respective military and commercial specifications (AMS-DTL-23053, UL VW-1, CSA).
- SumiMark® Ribbons are available in black and white colors and have been formulated to provide a dry and permanent mark that is instantly usable.



SM3-12 Flexible Polyolefin 2:1
(M23053/5 Class 1 & 3)

SM3-23 Flexible Polyolefin 3:1

SM3-24 Adhesive-lined Flexible Dual-Wall
Polyolefin 2:1
(M23053/4 Class 2)

SM3-31 Very Flexible Polyvinylidene Fluoride 2:1
(M23053/18 Class 3)

SM3-60 Very Flexible Fluoroelastomer 2:1
(M23053/13)

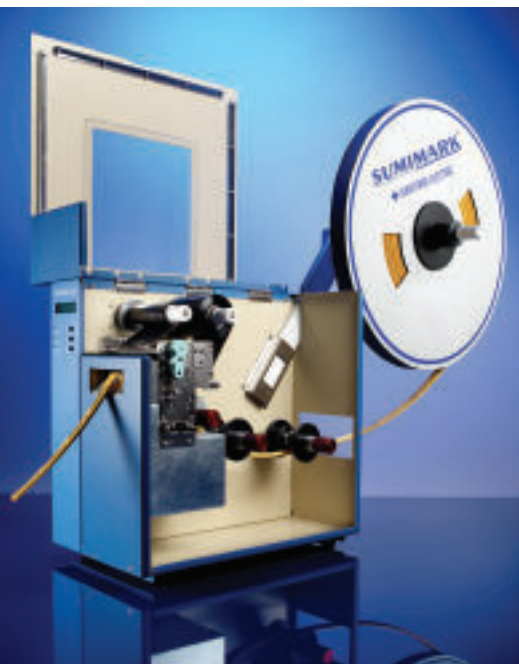
All SumiMark® tubing and ribbon products are RoHS compliant for minimal environmental impact.



SumiMark® III System Technical Specifications

PRINTER MODEL	SUMIMARK® III
Printing Method	Thermal Transfer
Dot Density	300 dpi (11.8 dots/mm), 768dots/HEAD
Dot Pitch	0.003" (0.0762 mm)
Operating System	Microsoft™ Windows™ 98,2000, NT 4.0, ME, XP
Application	SumiMark® Advanced Software
Effective Print Width	3.25" (82.55mm)
Tubing Diameters	1/16" to 2"
Tubing Colors	Please see specific data sheet
Cut Length Range	0.5" to 29", in increments of 0.1"
Font Types	All True Type Fonts

Font Size	Scalable from 6 pt. to 72 pt. (approx. 0.06" to 1.0" tall)
Bar Code Type	All basic barcodes
Sequencing	Alpha-numeric, up to 4 simultaneous sequences
Ribbon	Black, White (1,000' rolls)
System Dimensions	Width: 10.0" (254 mm) Depth: 16.5" (419 mm) Height: 16.5" (419 mm) Weight: 50 lbs (24.7 Kg) Construction: Aluminum and 12-Gauge Steel
Electrical Specification	Auto-Switching Power Supply: 90-264 VAC; 48-62 Hz
Communication Interface	Parallel Port
Mark Permanence Specifications	SAE-AS81531, MIL-S-85848, MIL-STD-202F, Method 215G



Unsurpassed
quality,
consistency,
and
reliability.

SumiMark® III is
made in the USA

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