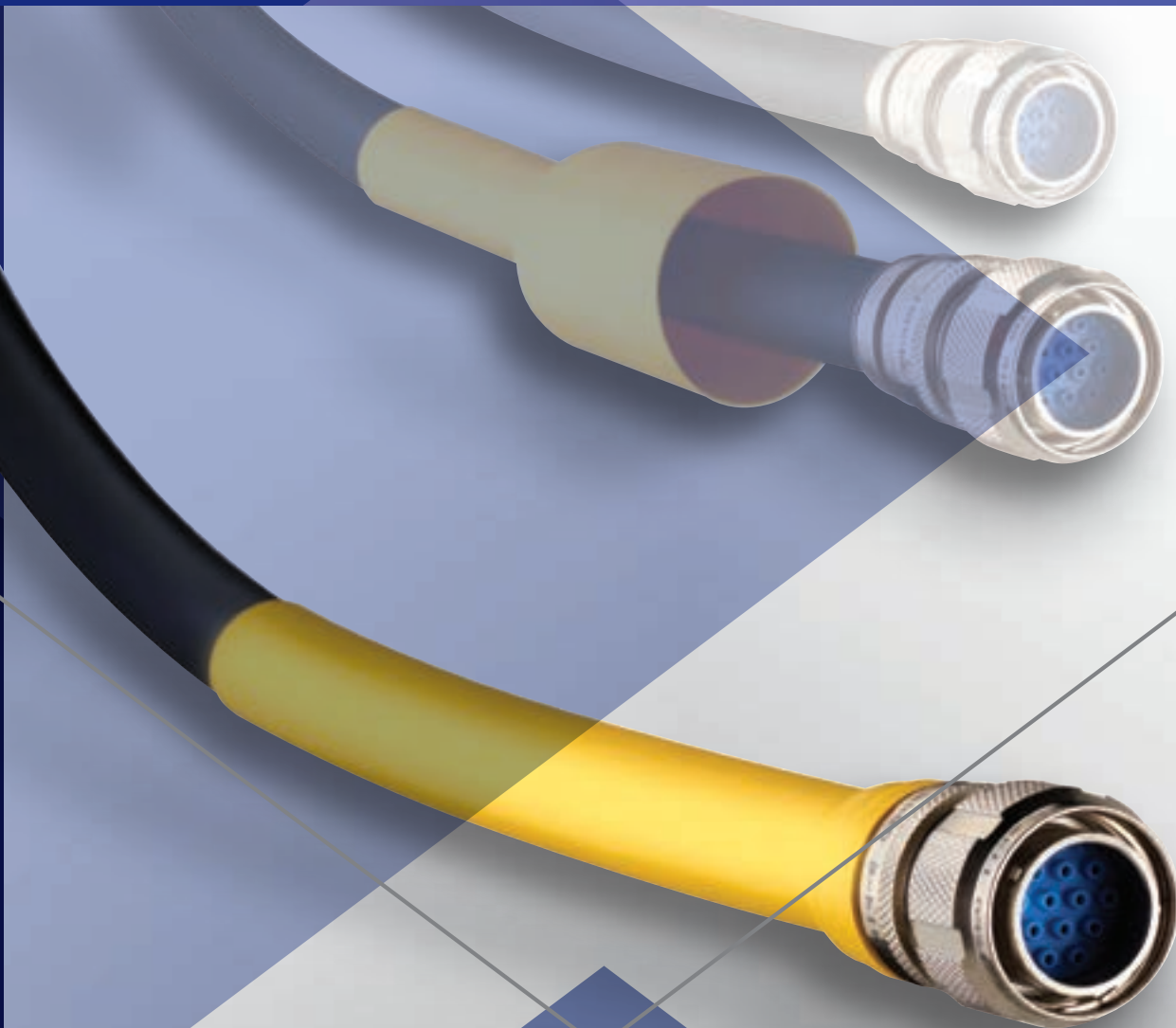


Sumitube[®]

Heat Shrink Tubing
Product Solutions Guide



SUMITUBE®. SIMPLY SUPERIOR.

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 Polymer in Osaka, Japan producing state-of-the-art **SUMITUBE® Heat Shrinkable Tubing, STS Solder Termination Sleeves, SumiMark® and Sumitag™ Thermal Transfer Marking Systems.**



Sumitomo products conform to the latest **UL, CSA, ISO, RoHS and AS23053** specifications for Quality, Safety, Performance and Environmental standards.

Sumitomo products are the **simple and superior** solutions for **critical applications** in **Electronic OEM, Industrial/MRO, Automotive and Military/Aerospace** industries. Our customers in the Americas are in the top tier of high technology companies in their market segments, who have come to select our products for a lifetime of reliability....

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

Heat Shrinkable Solutions You Can Trust

General Purpose Heat Shrink Products

UL/CSA/SAE/RoHS

- Insulate
- Bundle
- Harness
- Identify
- Route
- Protect
- Strain Relief



Dual Wall Adhesive Lined Products

“The Ultimate in Sealing Protection”

Liquid Sealing Protection Against:

- Water/Moisture
- Solvents
- Petrochemicals
- Acids
- Harsh Chemicals

High Performance Products

Military/Aerospace
High Technology/OEM/Industrial

- Abrasion
- Mechanical
- Chemicals
- Solvents/Petrochemicals
- High Temperature
- Electrical Insulation



General Purpose Single Wall

Sumitube® Product Series	Product Description	Industry Certification & Approvals	AS23053 Slash Sheet	Shrink Ratio	Shrink Temp Minimum	Operating Temp Range	Colors	Size Range
A2	General Purpose Clear	RoHS	/5 Class 2	2:1	110°C	-55°C to +135°C	Clear	3/64" to 4"
A2(3X)	Thin Wall Clear	RoHS		3:1	110°C	-55°C to +135°C	Clear	1.5 to 75/25 Metric
A4	General Purpose Commercial Grade	RoHS		2:1	110°C	-55°C to +105°C	Black, White, Red Yellow, Blue, Green, Clear	3/64" to 2"
B2	General Purpose Colors	UL/CSA/RoHS	/5 Class 1 & 3	2:1	90°C	-55°C to +135°C	Black, White, Red, Yellow, Blue, Green, Violet, Gray, Orange	3/64" to 4"
B2 (Y/G) 3:1	General Purpose Colors	UL/CSA/RoHS		3:1	90°C	-55°C to +135°C	Yellow/Green striped	187/62 to 500/185 Metric
B2 (3X)	General Purpose High Shrink Ratio	UL/CSA/RoHS		3:1	90°C	-55°C to +135°C	Black, White, Red Yellow, Blue	1.5/0.5 to 102/34 Metric
B2 (4X)	General Purpose High Shrink Ratio	UL/RoHS		4:1	90°C	-55°C to +135°C	Black	1" to 4"
B2 (4XC)	General Purpose High Shrink Ratio	UL/RoHS	/5 Class 1, overexpanded	4:1	90°C	-55°C to +135°C	Black	3/4" to 2"
B6	Semi-Rigid	RoHS		2:1	135°C	-55°C to +135°C	Black, White	3/64" to 1"
F2(Z)	Thin Wall UL/CSA Surface Printed	UL/CSA/RoHS		2:1	90°C	-55°C to +125°C	Black, White, Red, Yellow, Blue	3/64" to 4"
F4(Z)	Very Thin Wall UL/CSA Surface Printed	UL/CSA/RoHS		2:1	90°C	-55°C to +125°C	Black, White, Red, Yellow	3/64" to 1"
NH	Low Smoke Low Acid Gas Halogen-Free	RoHS		2:1	115°C	-55°C to +105°C	Black, White, Red, Yellow, Blue	1/8" to 2"
NH(TW)	Low Smoke Low Acid Gas Thin Wall Halogen-Free	RoHS		2:1	115°C	-55°C to +105°C	Black, White, Red, Yellow, Blue	1/8" to 2"



Dual Wall Adhesive Lined Products

SUMITUBE® Product Series	Product Description	Industry Certifications & Approvals	AS23053 Slash Sheet	Shrink Ratio	Shrink Temp Minimum	Operating Temp Range	Colors	Size Range
O2B2	Dual Wall Adhesive Lined	UL/CSA/RoHS	/4 Class 2	2:1	110°C	-55°C to +125°C	Black	1/8" to 2"
O2B2S	Dual Wall Adhesive Lined, Spooled	UL/CSA/RoHS	/4 Class 2	2:1	110°C	-55°C to +125°C	Black	1/8" to 2"
O2C	Dual Wall Adhesive Lined Clear	RoHS		2:1	115°C	-55°C to +105°C	Clear	1/8" to 1"
SA3	Dual Wall Thick Adhesive Lined	Ford - ESB-M99D56-A2 FCA/Chrysler- MS.50107 (MS-DB-56) CPN#5032 GM - GMW17136		4:1	135C	-40°C to +130°C	Black	1,2,3,4
SA5	Dual Wall Thick Adhesive Lined			4:1	140C	-40°C to +150°C	Black	1,2,3,4,5
SA3F	Dual Wall Thick Adhesive Lined	GM - GMW17136		4:1	135C	-40°C to +135°C	Black	0,1,2,3,4
W3B2	Dual Wall Thick Adhesive Lined	UL/CSA/RoHS	/4 Class 3	3:1	110°C	-55°C to +125°C	Black	3/1 to 40/13 Metric
W3B2S	Dual Wall Thick Adhesive Lined, Spooled	UL (Sun-Res) CSA/RoHS	/4 Class 3	3:1	110°C	-55°C to +125°C	Black	1/8" to 3/4" 24/8 to 40/13 Metric
W3B2 (4X)	Dual Wall Thick Adhesive Lined	UL/RoHS		4:1	110°C	-55°C to +125°C	Black	4/1 to 52/13 Metric
W3C	Dual Wall Thick Adhesive Lined	RoHS		3:1	115°C	-55°C to +105°C	Clear	1/8" to 1"
W5DL	Dual Wall Encapsulant Meltable Inner Wall	UL/RoHS	/4 Class 1	4:1	140°C	-55°C to +110°C	Black	1/8" to 1"

Medium Wall Adhesive Lined Products

Product Series	Product Description	Industry Certifications & Approvals	AS23053 Slash Sheet	Shrink Ratio	Shrink Temp Minimum	Operating Temp Range	Colors	Size Range
SCH (6X)	Dual Wall Adhesive Lined 6:1 Shrink Ratio	RoHS		6:1	121°C	-55°C to +90°C	Black	5/8" to 4"
SCM2	Dual Wall Adhesive Lined	RoHS		3:1	115°C	-40°C to +120°C	Black, Red	10-125mm (approx.) (size codes 04-50)



Special Products / Extreme Environments

SUMITUBE® Product Series	Product Description	Industry Certifications & Approvals	AS23053 Slash Sheet	Shrink Ratio	Shrink Temp Minimum	Operating Temp Range	Colors	Size Range
DPX-1 Tape	Thermoplastic Adhesive Tape (Hot Melt)	RoHS		N/A	N/A	-55°C to +110°C	Translucent Amber	50mm 1.97" Width
FE3	High Temperature Flexible Fluoroelastomer	RoHS	/13	2:1	120°C	-40°C to +200°C	Black, Red, Blue, Yellow, White	1/8" to 2"
K	Semi-Rigid High Temperature Translucent PVDF	UL/CSA/RoHS	/8	2:1	170°C	-55°C to +175°C	Translucent	3/64" to 2"
K2	Flexible High Temperature Clear PVDF	UL/RoHS	/18 Class 1	2:1	150°C	-55°C to +175°C	Clear	3/64" to 2"
K3	Very Flexible High Temperature Clear Modified Fluoropolymer	UL/RoHS	/18 Class 3	2:1	130°C	-55°C to +150°C	Clear	1/8" to 1"
KH200	Very Flexible High Temp Fluoropolymer	UL/RoHS	/13	2:1	130°C	-70°C to +200°C	Clear	1/8" to 1"
KH200 (TW)	Very Flexible High Temp Fluoropolymer Thin Wall	UL/RoHS	/18 Class 3	2:1	130°C	-70°C to +200°C	Clear	1/8" to 1"
KH230	Very Flexible High Temp Fluoropolymer Thin Wall	RoHS	/13	2:1	130°C	-70°C to +230°C	Black	1/8" to 1"
KH230 (TW)	Very Flexible High Temp Fluoropolymer Thin Wall	RoHS	/18 Class 3	2:1	130°C	-70°C to +230°C	Black	1/8" to 1"
R10	Fluid Resistant Elastomer	UL/RoHS	/1 Class 1 & 2	2:1	150°C	-70°C to +121°C	Black	1/8" to 2"
R120	Enhanced Fluid Resistant Elastomer	RoHS	/16	2:1	150°C	-75°C to +120°C	Black	1/8" to 2"



The System Solutions...

Sumimark® IV PLUS

Thermal Transfer Marking System

- Superior 300 DPI Print Quality
- Meets SAE-AS5942 for Print Adherence
- Software Compatible with Windows 7 & Above
- Prints Text/Graphics/Barcodes/Logos
- Prints on Diameters of 1/16" to 2"
- Cuts Lengths of .25" to 4"
- Prints on SumiMark® Continuous and Sumitag™ Formatted Products



Sumitag™ STP-300 DS-XT Double Sided Printer

Dual Head Thermal Transfer Marking System

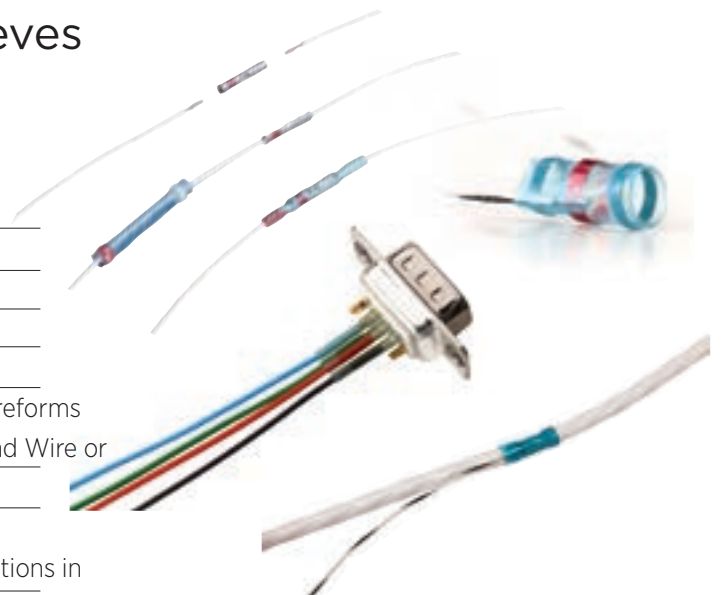
- Superior 300 DPI Print Quality
- Meets SAE-AS5942 for Print Adherence
- Software Compatible with Windows 7 & Above
- Double Sided Printing in One Pass
- Prints Text/Graphics/Barcodes/Logos
- Prints on Diameters of 1/16" to 2"

STS Solder Termination Sleeves

Wire & Cable Terminations for
Mission Critical Applications

Applications:

- **Cable Shield Terminations**
- **Wire to Wire Splicing**
- **Wire to Pin Terminations**
- Meets AS83519 (QPL)
- High Temperature Shrink Tubing Jacket with Solder Preforms
And Thermoplastic Sealing Rings. Pre-installed Ground Wire or
Braid Optional
- Variety of Sizes and Types for Specific Applications
- Field Performance Proven in High Technology Applications in
Electronic OEM and Military/Aerospace Industries
- Sealed Crimp Kits AS81824 (QPL)



SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.

www.seipusa.com
www.sumitube.com

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ISO 9001:2015
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IATF 16949:2016

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