

HEAT-SHRINKABLE TUBING

IRRAX™ SLEEVE

IRRAX™ SLEEVE SCD

Medium Wall Tubing for Encapsulation, Anti-Corrosion and Mechanical Protection

IRRAX™ SLEEVE SCD is irradiated cross-linked, thermally-stabilized, polyolefin heat-shrinkable tubing with hotmelt adhesive inner liner which melts and flows during heat-shrinking.

FEATURES

- Dual Wall, hotmelt adhesive liner
- Excellent mechanical strength
- High shrink ratio, 3:1
- Excellent adhesion property
- Approval of Lloyd's register of shipping (Certificate No. KOB 9921598/1)

APPLICATIONS

- Joint cover of cable and pipe
- Termination of low voltage cable
- Connector cover of CATV
- Replacement of tapes



PROPERTIES

Items		Test Method	Typical Data
Mechanical Property	Tensile Strength	ASTM D638	16.8 MPa
	Ultimate Elongation	ASTM D638	508 %
	Accelerated Aging : at 120°C for 500 hours		
	Tensile Strength	ASTM D638	20.7 MPa
	Ultimate Elongation	ASTM D638	550 %
	Specific Gravity	ASTM D792	1.20
	Low Temperature Flexibility : at -55°C for 1 hour	ASTM D2761	No Cracking
	Hardness	ASTM D2240	48
Electric Property	Dielectric Constant	IEC 250	1.6
	Volume Resistivity	ASTM D876	$6 \times 10^{15} \Omega \cdot \text{cm}$
	Tracking Resistance : 3.25 kV for 20 minutes	ASTM D2303	Pass
	Shrinking Temperature (Start / Finish)	-	90 °C / 115 °C



SUMITOMO ELECTRIC INDUSTRIES, LTD.

■ SIZES

Trade Size	As Supplied	After Shrinkage		Unit Length (min.) [mm]
	Inside Diameter (min.) [mm]	Inside Diameter *1 (max.) [mm]	Wall Thickness *1 (nom.) [mm]	
12 / 4 - 1200	12.0	4.00	2.20	1,200
20 / 6 - 1200	20.0	6.0	2.50	
28 / 9 - 1200	28.0	9.0	2.65	
38 / 12 - 1200	38.0	12.0	3.05	
48 / 15 - 1200	48.0	15.0	2.75	
56 / 18 - 1200	56.0	18.0	2.75	
75 / 23 - 1200	75.0	23.0	2.90	
90 / 29 - 1200	90.0	29.0	2.85	
120 / 36 - 1200	120.0	36.0	3.00	

Longitudinal Change: -10 % min.

*1 Outer layer only

■ COLOR

Black

■ MARKING

◆ SUMITOMO IRRAX SLEEVE SCD XX/YY (XX/YY : Size)

(Notice) The information contained in this catalogue 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 evaluations regarding the suitability of these products for their specific application. Sumitomo Electric Industries, Ltd. makes no warranties regarding the accuracy and completeness of the information and data contained herein, and disclaims any liability from the use or misuse of its products.

Sumitomo Electric Industries, Ltd. shall not be liable for any injury, loss or damage either directly, indirectly or as a consequence arising from the use or misuse of its products mentioned in this catalogue, other than replacement of materials considered defective.



SUMITOMO ELECTRIC INDUSTRIES, LTD.

■ Japan [Sales]

SUMITOMO ELECTRIC INDUSTRIES, LTD.

Osaka Gr., Irradiated Sales Div., Fine Polymer Sales Dept.,
Electronics Sales Unit

4-5-33, Kitahama, Chuo-ku, Osaka, 541-0041, JAPAN
Tel: +81-6-6220-4280 Fax: +81-6-6220-4104

■ Overseas [Sales & Manufacture]

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.

915, Amorlite Drive, San Marcos, CA 92069-1440, USA
Tel: +1-760-761-0600 Fax: +1-760-761-0625

SUMITOMO ELECTRIC SCHRUMPF-PRODUKTE, GmbH

Oststrasse 89, D-22844 Norderstedt, GERMANY
Tel: +49-40-526-5010 Fax: +49-40-526-4808

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS (HONG KONG) LTD.

Suite 2301, 23rd Fl., Caroline Centre, Lee Gardens II, 28 Yun Ping Rd.,
Causeway Bay, HONGKONG
Tel: +852-2805-6777 Fax: +852-2504-4690

[Manufacture]

SUMITOMO ELECTRIC FINE POLYMER, INC.

1-950, Asashironishi, Kumatori, Sennan, Osaka 590-0451, JAPAN
Tel: +81-724-52-1301 Fax: +81-724-53-0397

SUMI-PAC CORPORATION

8 Fl., No.34, Chung Shan North Rd., Sec.3, Taipei, TAIWAN R.O.C.
Tel: +886-2-2599-7382 Fax: +886-2-2599-7377

SUMITOMO ELECTRIC FINE POLYMER(SUZHOU) LTD.

No.232, Jinfeng Rd., SND, Suzhou, Jiangsu, CHINA
Tel: +86-512-8918-6680 Fax: +86-512-8918-6686