

HEAT-SHRINKABLE TUBING

IRRAX™ SLEEVE

IRRAX™ SLEEVE SCC100

Heat-Shrinkable Conductive Tubing for Cables up to 36kV

IRRAX™ SLEEVE SCC100 is irradiated cross-linked, thermally-stabilized, polyolefin heat-shrinkable tubing with conductive properties for shielding for cables up to 36kV.

■ **FEATURES**

- Having the same properties as shielding layer of cables

■ **APPLICATIONS**

- Shielding layer for joint for cables

■ **COLOR**

Black

■ **MARKING**

No Marking

■ **PROPERTIES**

| Items | Test Method | Requirement |
|---|----------------|---|
| Specific Gravity | ISO/R1183-A | 1.15 nom. |
| Tensile Strength | ISO 37 | 8.0 MPa min. |
| Ultimate Elongation | ISO 37 | 200 % |
| Low Temperature Flexibility : at -40°C for 4 hour | ASTM D 2671 -C | No Cracking |
| Volume Resistivity | IEC 93 | $1 \times 10^4 \Omega \cdot \text{cm}$ nom. |



SUMITOMO ELECTRIC INDUSTRIES, LTD.

SIZES

| Trade Size | As Supplied | | After Shrinkage | | Unit Length (min.) [m] |
|----------------|-----------------------------------|----------------------------------|-----------------------------------|----------------------------------|------------------------------|
| | Inside Diameter (min.) [mm] | Wall Thickness (nom.) [mm] | Inside Diameter (max.) [mm] | Wall Thickness (nom.) [mm] | |
| 8 / 20 - 50M | 20.0 | 0.70 | 8.0 | 2.00 | 50 |
| 10 / 25 - 50M | 25.0 | 0.70 | 10.0 | 2.00 | |
| 12 / 30 - 50M | 30.0 | 0.70 | 12.0 | 2.00 | |
| 16 / 38 - 50M | 38.0 | 0.70 | 16.0 | 2.00 | |
| 20 / 50 - 50M | 50.0 | 0.70 | 20.0 | 2.00 | |
| 24 / 65 - 50M | 65.0 | 0.70 | 24.0 | 2.00 | |
| 28 / 75 - 50M | 75.0 | 0.70 | 28.0 | 2.00 | |
| 35 / 95 - 50M | 95.0 | 0.70 | 35.0 | 2.00 | 25 |
| 45 / 110 - 25M | 110.0 | 0.70 | 45.0 | 2.00 | |
| 55 / 120 - 25M | 120.0 | 0.70 | 55.0 | 2.00 | |
| 65 / 155 - 25M | 155.0 | 0.70 | 65.0 | 2.00 | |
| 70 / 180 - 25M | 180.0 | 0.70 | 70.0 | 2.00 | |
| 90 / 195 - 25M | 195.0 | 0.90 | 90.0 | 2.50 | |

Longitudinal Change : -10 % min.

(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