

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	0.70	20.0	2.00	
24 / 65 - 50M	65	0.70	24.0	2.00	
28 / 75 - 50M	75	0.70	28.0	2.00	
35 / 95 - 50M	95	0.70	35.0	2.00	
45 / 110 - 25M	110	0.70	45.0	2.00	25
55 / 120 - 25M	120	0.70	55	2.00	
65 / 155 - 25M	155	0.70	65	2.00	
70 / 180 - 25M	180	0.70	70	2.00	
90 / 195 - 25M	195	0.90	90	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.

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