

HEAT-SHRINKABLE TUBING

IRRAX™ SLEEVE

IRRAX™ SLEEVE SCM2

Medium Wall Tubing for Encapsulation and Anti-Corrosion

IRRAX™ SLEEVE SCM2 is irradiated cross-linked, thermally-stabilized, polyolefin heat-shrinkable tubing with high performance hotmelt adhesive inner liner which melts and flows during heat-shrinking.

■ FEATURES

- Very flexible
- Dual wall, hotmelt adhesive inner liner
- High shrink ratio, 3:1
- Quick shrink
- Excellent adhesion to metal, polyethylene and polyvinylchloride



■ APPLICATIONS

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

■ OUTER LAYER PROPERTIES

Items	Test Method	Requirement	Typical Data
Tensile Strength	ASTM D 638	10.0 MPa min.	21.7 MPa
Ultimate Elongation	ASTM D 638	350 %	568 %
Accelerated Aging : at 150°C for 168 hours Tensile Strength Ultimate Elongation	ASTM D 638	8.0 MPa min. 300 % min.	23.5 MPa 532 %
Low Temperature Flexibility : at -55°C for 1 hour	ASTM D 2671	No Cracking	No Cracking
Hardness	ASTM D 2240 (Type D)	—	41
Volume Resistivity	ASTM D 876	$1 \times 10^{13} \Omega \cdot \text{cm}$ min.	$2 \times 10^{14} \Omega \cdot \text{cm}$
Dielectric Constant	IEC 250	—	4.1
Shrinking Temperature (Start / Finish)	—	—	70°C / 90°C
Tracking Resistance	ASTM D 2303	—	Pass at 2.75 kV for 60 minutes
Weather Resistance : for 4,000 hours Tensile Strength / Ultimate Elongation	JIS A 1415 (Type WS)	—	94 % / 91 % of the value obtained unweathered sample



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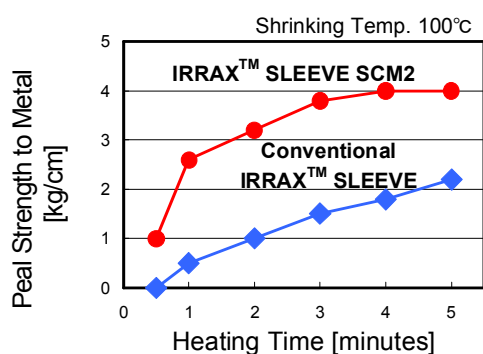
SIZES

Trade Size	As Supplied	After Shrinkage		Unit Length (min.) [mm]
	Inside Diameter (min.) [mm]	Inside Diameter *1 (max.) [mm]	Wall Thickness *1 (nom.) [mm]	
04 – 1220	10.2	3.80	1.50	1,220
07 – 1220	19.0	5.60	2.00	
11 – 1220	28.0	9.5	2.00	
13 – 1220	33.0	10.2	2.30	
15 – 1220	38.1	12.7	2.30	
17 – 1220	44.0	14.0	2.30	
20 – 1220	52	18.2	2.30	
27 – 1220	70	25.5	2.30	
35 – 1220	90	30.0	2.50	
50 – 1220	125	40.0	2.50	

Longitudinal Change : -10 % min.

*1 Outer layer only

ADHESION PROPERTY



COLOR

Black

MARKING

IRRAX SLEEVE SCM2 XX
XX indicates Trade Size

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