

PMGCOMPANY

SPECIALISTS IN HEAT SHRINK TUBING AND CABLE HARNESSING PRODUCTS

SCL

Semi rigid Encapsulant Lined Polyolefin Tubing



SCL encapsulates components, splices, and terminations where moisture resistance and mechanical protection are required. The encapsulant melts and flows to fill surface irregularities of the substrate. Whilst still hot, the tubing can be blocked to form a wire breakout.

Features & Benefits

- 3:1 shrink ratio.
- Splash-resistant, moisture-resistant covering.
- Rugged protection against, vibration, and flexing.
- Excellent strain relief and insulation of weak points.

Applications

- Wire break out.
- Mechanical Protection.
- Strain relief.
- Encapsulation of components.

General Information	
Material	Polyolefin
Shrink Ratio	3:1
Operating temperature	-55°C to 110°C
Dielectric Strength	20 KV/mm
Installation Temperature	125°C to 135°C
Specifications	UL 224 (E85381) RoHS AMS DTL 23053/4, Class 1



Available Colours

BLACK	CLEAR
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Ordering Description	Ordering Size (inches)	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Total Wall After Heating (mm)	Melttable Wall After Heating (mm)
SCL-1/8	1/8	3.20	0.60	0.96	0.51
SCL-3/16	3/16	4.80	2.40	1.09	0.64
SCL-1/4	1/4	6.40	3.20	1.19	0.69
SCL-3/8	3/8	9.50	4.80	1.27	0.76
SCL-1/2	1/2	12.70	6.40	1.39	0.89
SCL-3/4	3/4	19.00	9.50	1.65	1.02
SCL-1	1	25.40	12.70	1.90	1.02

Packaging options – Spools, sticks and cut pieces

Full details on technical specifications, test methods and values are available on request.

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