

Semi-rigid, encapsulation-lined Polyolefin heat-shrinkable tubing



Specifications/Approvals

- AMS-DTL-23053/4 Class 1
- UL-E85381 600V, +125°C
- RT-1301

Applications

SCL has a meltable inner wall which, when heated, flows and fills crevices and voids, providing excellent moisture proof protection once cooled. SCL can be used to encapsulate components, splices, terminations and breakouts or wherever moisture and mechanical protection are required.

Features & Benefits

- Semi-rigid, encapsulation lined tubing
- Excellent moisture resistance
- Good chemical & solvent resistance
- Shrink ratio size dependant

Operating Temperature

- -55°C to +110°C

Installation

- Minimum shrink temperature +125°C
- Minimum full recovery +135°C

Dimensions (all dimensions are in mm)

Inside Diameter		Wall Thickness		Pack Size	Description
As Supplied (min)	After Heating (max)	Total Wall Recovery (nom)	Meltable Wall Recovery (nom)	1.2m Lengths (STK)	
3.2	0.6	0.96	0.51	30m	SCL-1/8-0
4.8	1.5	1.09	0.64	30m	SCL-3/16-0
6.4	2.0	1.19	0.69	30m	SCL-1/4-0
9.5	3.4	1.27	0.76	30m	SCL-3/8-0
12.7	5.0	1.39	0.89	30m	SCL-1/2-0
19.0	8.0	1.65	1.02	30m	SCL-3/4-0
25.4	10.2	1.90	1.02	30m	SCL-1-0

Note: Wall thickness will be less if tubing recovery is restricted during shrinkage. For further information on silicone tubing or for assistance with your specific tubing requirements, please contact us.

Ordering Information

Standard colours:

0 = Black, plus each size has one additional standard colour.

Size selection:

The largest size that will recover snugly over the component(s).

Standard packaging:

1.2m lengths (STK).

Ordering description:

Specify product name, size, colour and packaging; e.g. SCL-1/8-0-STK.

Ordering Example:

6.4mm supplied inside diameter tubing in black, in 1.2m lengths = SCL-1/4-0-STK.

