

## SCL

Semi-rigid encapsulation-lined Polyolefin heat-shrinkable tubing

### Applications

SCL has a meltable inner wall, which when heated flows and fills all crevices and voids, providing excellent moisture proof protection once cooled. SCL can be used to encapsulate components, slices, 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
- 2.5:1 to 4:1 shrink ratio

### Operating Temperature

- -55°C to +110°C

### Installation

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

### Dimensions (all dimensions are in mm's)

Inside Diameter		Wall Thickness		Standard Packaging & Ordering Description	
As Supplied (min)	After Heating (max)	Total Wall Recovery (nom)	Meltable Wall Recovery (nom)	1.2m Pack Size (STK)	Ordering Description
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.

### Ordering Information

- Standard colours: 0 = (Black) Plus each size has one additional standard colour.  
 Additional colours: 1/8 = 1 (Brown), 3/16 = 8 Grey, 1/4 = 9 (White), 3/8 = 2 (Red), 1/2 = 6 (Blue), 3/4 = 4 (Yellow), 1 (N/A).  
 Size selection: The largest size that will recover snugly over the component(s).  
 Standard packaging: 1.2m lengths (STK).  
 Ordering description: Specify product, size and colour; e.g. **SCL-1/8-0-STK** (0=Black).  
**Ordering Example:** 30m of 6.4mm supplied inside diameter tubing = **SCL-1/4-0-STK** (0=Black).  
 30m of 19mm supplied inside diameter tubing = **SCL-3/4-4-STK** (4=Yellow).



### Specifications/Approvals

- AMS-DTL-23053/4 Class I
- VG 95343 Part 5 Type C
- UL-E85381 600V, +125°C
- RT-1301