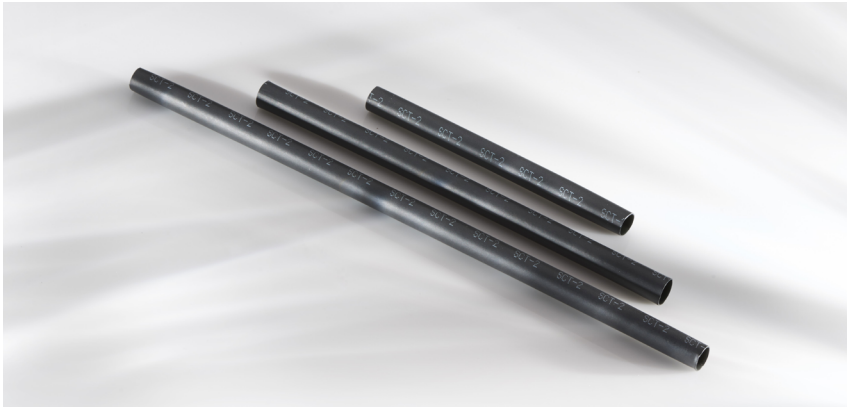


SCT



FLAME-RETARDANT, ADHESIVE-LINED, SEMIRIGID POLYOLEFIN TUBING (EXTENDED TEMPERATURE RANGE)

Dual-wall, heat-shrinkable tubing designed to provide environmental sealing of an electrical splice in an automotive environment. Moisture may enter a splice directly or indirectly via capillary action between individual wires, thus causing corrosion. This effect is accelerated by variations in temperature. The tubing is centred over the splice area and during heating the adhesive melts and is 'squeezed' around where the wires are crimped or welded and between the conductors by the shrinking action of the sleeve. The installed product provides low profile mechanical protection against flexing, abrasion and cut-through as well as electrical insulation. There are four sizes to cover the range of splice profiles.

TEMPERATURE RATING

- Continuous operating temperature from **-40°C up to +150°C**
- Minimum shrink temperature: **+110°C**
- Minimum full recovery temperature: **+135°C**

SPECIFICATIONS

- Flammability Rating: **ASTM D2671, Procedure B**
- TE: **Specification 108-120012**

MARKETS

- Automotive

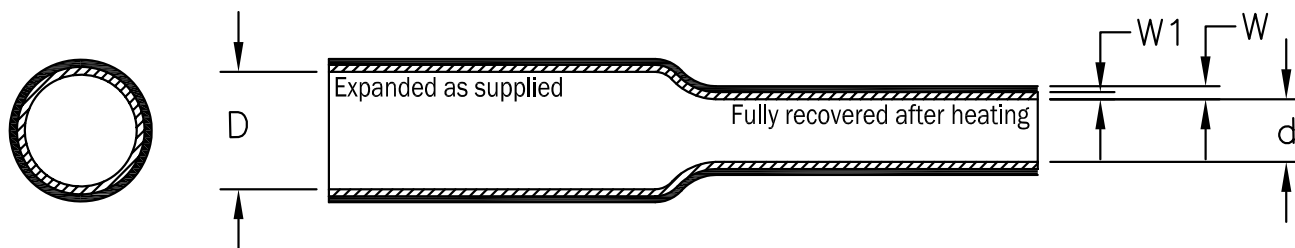
TYPICAL APPLICATION

- Specially designed for insulation, strain relief and sealing of automotive wire splices and components in an underhood automotive environment.

PRODUCT BENEFITS

- 4:1 shrink ratio allows a few sizes to cover a wide range of splice and component diameters
- Flame-retardant and mechanically tough, the tubing provides strain relief and abrasion protection of wire splices, terminals, and other components
- Thick adhesive liner forms an effective barrier against fluids and moisture and performs well at an extended temperature range
- RoHS compliant

DIMENSIONS (MILLIMETERS/INCHES)



SCT RATIO STANDARD SIZES

SIZE	AS SUPPLIED		AS RECOVERED					
	MINIMUM EXPANDED I.D. (D)		MAXIMUM RECOVERED I.D. (d)		RECOVERED TOTAL WALL (W)		MINIMUM RECOVERED ADHESIVE WALL (W1)	
	mm	in	mm	in	mm	in	mm	in
No.0	5.10	0.200	1.30	0.051	1.40 ± 0.30	0.055 ± 0.012	0.76	0.030
No.1	7.62	0.300	1.65	0.065	1.52 ± 0.30	0.060 ± 0.012	0.76	0.030
No.2	9.02	0.355	2.29	0.090	1.52 ± 0.30	0.060 ± 0.012	0.76	0.030
No.3	11.56	0.455	2.54	0.100	2.29 ± 0.30	0.090 ± 0.012	1.40	0.055
No.3A	14.10	0.555	3.00	0.118	2.24 ± 0.30	0.088 ± 0.012	1.40	0.055
No.4	17.78	0.700	4.45	0.175	2.54 ± 0.30	0.100 ± 0.012	1.52	0.060
No.5	27.94	1.100	8.38	0.330	2.54 ± 0.30	0.100 ± 0.012	1.52	0.060
No. 7	33.02	1.300	12.70	0.500	1.91 ± 0.20	0.075 ± 0.008	0.92	0.036

ORDERING INFORMATION

Color	Black
Size selection	Always order the largest size that will shrink snugly over the component being covered. Special order sizes are available upon request.
Standard packaging	Cut pieces.
Ordering description	Specify product family, size/range, color, and package. <div style="text-align: center;"> <p>SCT-NO.X-XX-0-XXX</p> </div>
Marking	Tubing will be printed with its numbered size (such as SCT-1, SCT-2, SCT-3, SCT-4).

Are you looking to seal out moisture, offer enhanced strain relief, or provide rigorous mechanical protection? Do you need a flame retardant product? Leverage TE Connectivity's (TE) comprehensive portfolio of heat shrink tubing products in a wide range of applications.

Learn more: [TE.com/heatshrinktubing](https://www.te-connectivity.com/heatshrinktubing)

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