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TC Caps

Semirigid, Flame-Retardant Polyolefin Caps

Product Facts

- 2.5:1 shrink ratio
- Flame-retardant
- Permanent or temporary method to terminate wires
- Rapid, simple installation
- Rugged protection against abrasion, vibration, and flexing
- RoHS compliant



Applications

Widely used for wire terminations because of their light weight, small size and durability. Vibration-proof caps are used to insulate and terminate dead-end electrical cables, fixtures, connectors, and other electrical equipment. Also used to protect the ends of wire during storage.

Installation

Minimum shrink temperature: 110°C [230°F]

Minimum full recovery temperature: 135°C [275°F]

Operating Temperature Range

-55°C to 135°C [-67°F to 275°F]

Specifications/Approvals

Series	UL	Raychem
TC Caps	E85381 600 V, 125°C	TC Caps SCD

Available in:	Americas	Europe	Asia Pacific
	■	■	■

9-1773447-9
CIS WR 08/2011

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Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-475-6222
Mexico: 52-55-1106-0800
L. & S. America: 54-11-4733-2200

Germany: 49-6251-133-1999
China: 86-400-820-6015
Japan: 81-44-844-8013
UK: 44-800-267-666

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TC Caps (Continued)

Product Dimensions

Size	Color	Length		Inside Diameter		Recovered Wall Thickness**
		Nominal Overall as Supplied	Minimum Open Barrel after Recovery*	Minimum Expanded as Supplied	Maximum Recovered After Heating	After Heating
TC 4001	White (-9)	19.1 (0.750)	10.2 (0.400)	1.6 (0.063)	0.8 (0.030)	0.51 ± 0.12 (0.020 ± 0.005)
TC 4003	Red (-2)	25.4 (1.000)	14.0 (0.550)	3.2 (0.125)	1.3 (0.050)	0.64 ± 0.12 (0.025 ± 0.005)
TC 4005	Gray (-8)	28.6 (1.125)	14.0 (0.550)	6.4 (0.250)	2.5 (0.100)	0.69 ± 0.12 (0.027 ± 0.005)

*See glossary for definition of “barrel”.
**Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color	Standard One color per size per the Product Dimensions table.
Size selection	Always order the largest size that will shrink snugly over the component to be covered.
Standard packaging	In pieces.
Ordering description	Specify product name, size and color (for example, TC-CAPS-4003-2).

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