

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  | TE |
|---------|--|-------------|
| TC Caps | E85381 600 V, 125°C | TC Caps SCD |

| Available in: | Americas | Europe | Asia Pacific |
|---------------|----------|--------|--------------|
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TC Caps (Continued)

Product Dimensions

| Size | Color | Length | | Inside Diameter | | Recovered Wall Thickness** After Heating |
|---------|------------|-----------------------------|-------------------------------------|------------------------------|---------------------------------|---|
| | | Nominal Overall as Supplied | Minimum Open Barrel after Recovery* | Minimum Expanded as Supplied | Maximum Recovered 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). | |