

**Heat-Shrinkable Cable Sleeve**

Raychem's TCS2 cable sleeve is a crosslinked, heat-shrinkable polyolefin sleeve used for insulating and sealing underground and aerial connections in CATV plant. Such cable connections include splices, trunk amplifiers, line extenders, splitters, directional couplers, and taps. The sleeve is also used in low voltage (600V) electrical power distribution applications.

The TCS2 cable sleeve is precoated with a special Raychem sealant that flows when heated. This sealant is water-insoluble, and will adhere to virtually all substrate surfaces, ensuring an environmental seal and protection against moisture and water penetration. In addition, the sleeve is thermally stable and resistant to ultraviolet light and weathering.

Proper installation is assured because the TCS2 cable sleeve has green thermo-chromic stripes that turn brown when sufficient heat has been applied, signifying adhesive flow and sleeve recovery. The sleeve can be installed in minutes by just one person.

TCS2 cable sleeves are designed so that a few sizes can fit virtually all common cable sizes. Its wide shrinkage range makes it easy to apply where there are large diameter differences between the cable and the connector.

Raychem's TCS2 cable sleeve offers reliable, long-term performance as proven by its material properties, system performance, and field tests.

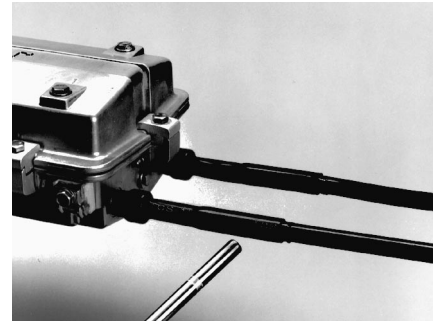
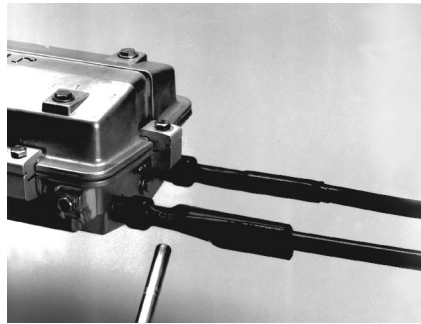
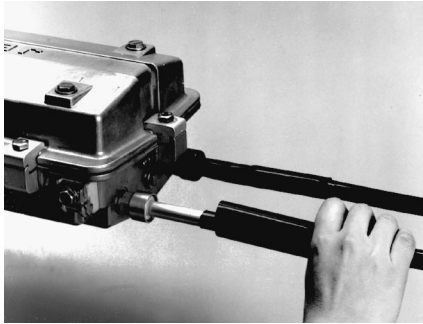


TCS2

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### Installation Instructions



1. Wipe off any dirt or contaminants on components. Slide TCS2 cable sleeve over the cable and make connections as usual.

2. Slide the TCS2 cable sleeve back over the connector and begin heating from the connector end. When the sleeve has shrunk around the connector, stop heating for 30 seconds. Push the sleeve up against the closure.

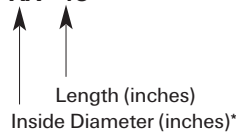
3. Continue heating until the cable sleeve is firmly and uniformly shrunk on both connector and cable. Installation is complete when green stripes turn brown.

**Caution:** Use a “bushy” flame. For best results, keep the torch moving to avoid overheating and to speed the shrinking process.

**Important:** Be sure to use approved safety practices. Consult your supervisor.

### Ordering Information

TCS2 Kit Description: **TCS2 - XX - 48**



To order, specify the size of TCS2 cable sleeve desired.

Kit Description	Minimum Standard Length		Minimum Expanded I.D. as Supplied*		Maximum Recovered I.D. after Heating		Nominal Recovered Wall Thickness	
	inches	meters	inches	mm	inches	mm	inches	mm
TCS2-07-48	48	1.22	0.750	19.0	.220	5.6	.080	2.03
TCS2-11/13-48	48	1.22	1.300	33.0	.375	9.5	.080	2.03
TCS2-15/17-48	48	1.22	1.700	43.2	.500	12.7	.080	2.03
TCS2-20-48	48	1.22	2.000	50.8	.750	19.0	.080	2.03
TCS2-27-48	48	1.22	2.700	68.6	.900	22.9	.080	2.03

**Raychem**

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