

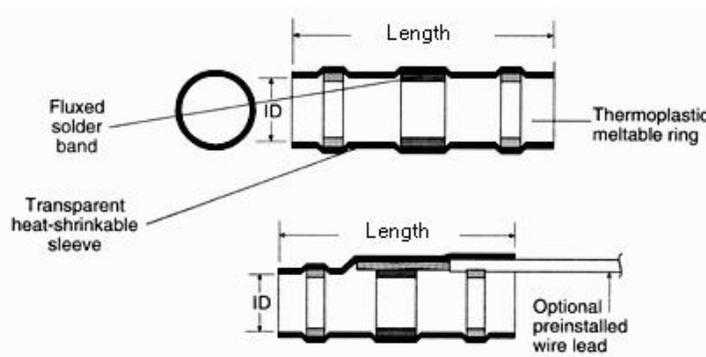

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## General Information

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# CWT Solder Sleeve Shield Terminators



## Applications

Used for shield-to-ground termination.

## Product Facts

- Transparent insulation sleeve provides encapsulation, inspectability, strain relief and insulation
- Prefluxed solder preform provides a controlled soldering process
- One-piece design offers easy installation and lower installed cost
- Optional preinstalled ground leads provide convenience and ease of installation

Raychem's SolderSleeve one-step heat-shrinkable wire and cable interconnection devices are a labor-saving alternative to conventional wire and cable termination methods such as craft-sensitive, time-consuming hand soldering or crimping.

### Versatility

SolderSleeve one-step terminators insulate, strain relieve, and protect terminations from environmental damage in a wide spectrum of low-temperature electrical interconnection applications. They are, as their name says, one-step solutions.

### Capability

SolderSleeve one-step terminators create strong, soldered connections. They consist of a heat-shrinkable sleeve and a premeasured, fluxed solder band. When heated, the tubing shrinks and the solder melts, making reliable, insulated terminations. Even greater convenience and reliability are available with optional preinstalled ground leads.

### Compatibility

SolderSleeve one-step terminators are compatible with many component dielectric materials and wire insulations including sensitive low-temperature materials. Low-temperature wires can be terminated in applications with maximum operating temperatures up to 125°C.

## Product Characteristics

### Material

Insulation - Radiation-crosslinked, transparent heat-shrinkable polyolefin

Solder Preform with Flux - Tin/lead/cadmium, RA flux

Preinstalled Lead (Optional) - Various AWG sizes available

### Physical

Description	Unit	Method of Test	Requirement
Dimensions	Inches	D-5023	See product dimensions

### Electro-Mechanical

Description	Unit	Method of Test	Typical values
Dielectric Voltage Withstand	Kilovolts	UL 486A	2.0
Secureness	--	UL 486A	--
Static Heating	Degrees	UL 486A	Less than 50°C
Pullout Strength	Pounds	--	8 pounds for 22 AWG stranded wire

### Chemical (Fluid Resistance)

Description	Method of Test	Requirement
Copper Mirror Corrosion	D-5023	Noncorrosive

### Environmental

Description	Unit	Method of Test	Requirement
Insulation Resistance After Water Immersion	Megohms	D-5023	5000
Pullout Strength After Salt Spray Exposure	Pounds	D-5023	8 pounds for AWG stranded wire

### Operating Condition

Temperature Rating - -155°C to +125°C

Voltage Rating - See Specification Control Drawing

### Approvals and Reference Documents

Agency Approvals - UL, File E87681

#### Reference Documents

Raychem Specification D-5023

SolderSleeve One-Step Selection Guide (H54335)

Installation Procedure (H54285)

Specification Control Drawing

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