

## Tubing Bundle Accessories

- **UniCut T150 Self-Sealing Patch**
  - **Replaceable High-Carbon, Fluoropolymer Coated Steel Blade**
  - **Tough, Durable Nylon Handles**
  - **Blade Closes into the Handle for Safe Carrying and Handling**
  - **Small, Light and Easy to Carry**
  - **Cuts Faster than a Ratchet Cutter**
- **UniSeal Self-Sealing Patch**
- **UniSeal Cable Entry Seals**
- **End Sealant Accessory**
- **Seal-Tite End Boot Accessory**

### *UniCut T150 Cutter*

The ideal cutter for pre-insulated and pre-fabricated tubing bundles, the Chromalox Unicut T150 is designed to quickly and easily cut through tubing bundles. The Unicut allows anyone to make clean cuts through high density jacketing materials, slicing through bundle jackets up to 2" O.D., polyethylene through 1-1/2" I.D. and polybutylene and PVC through 1-1/4" I.D.

The Unicut utilizes a specific cutting technique to slice through non-metallic tubing and bundles. The slicing action is achieved by slightly rotating or rocking the handles on the bundle while squeezing lightly. This technique is required only when cutting pre-insulated or pre-traced tubing and plastic pipe. When cutting rubber hose and soft tubing, standard cutting techniques apply.



### *Product Specifications*

Part Number	Description
562640029	One UniCut Tool and one extra blade

### *UniSeal Self-Sealing Patch*

Designed for use with Chromalox steam traced and pre-insulated tubing bundles, this self-sealing patch provides a weather-tight seal around traced bundle ends, insulating and protecting exposed tube ends.

Each kit includes patch material made of a self-sealing rubber compound, fibrous glass thermal insulation, and high temperature fiberglass insulating tape that allows for insulating the complete system right up to the final fittings or housing.



TUBE BUNDLE

### *Product Specifications*

Part Number	Description
562640030	8"x8" Individual Self-Sealing Patch
562640031	8"x8' Self-Sealing Patch Roll

## Tubing Bundle Accessories (cont'd.)

### UniSeal Cable Entry Seals

Chomalox UniSeals are designed to form a water and fume-tight seal at the juncture of tube bundles/cables and panel houses, connection boxes or other enclosures. The three-piece seal includes a rigid plastic nut, a silicone O-Ring, and an internally threaded nose. The threaded nose is made of rigid and impact resistant material while the seal is made of heat shrinkable, modified polyolefin materials.



### Product Specifications

Part Number	Length	Min. Expanded I.D. Nose	Max. Recovered I.D. Nose	Nut I.D.	Drill Size
562353013	4.50"	1.60"	0.75"	1.60"	2.00"
562353023	7.00"	2.75"	1.43"	2.90"	3.50"

### End Sealant

Providing excellent resistance to weather, ozone, oil, many chemicals and extreme temperatures (-65°F to 450°F), Chromalox End Sealant is a paste which forms a tough, rubbery seal upon exposure to air. Simply the best way to seal Chromalox tubing bundles.

**Important Note:** All Chromalox steam products are sealed at the factory. These seals must be maintained during storage and the bundle ends sealed upon installation. Chromalox will not assume liability for corrosion or damage to the product caused by failure to maintain seals.



### Product Specifications

Part Number	Description
562640034	3 oz Tube
562640035	10.3 oz Cartridge

## Tubing Bundle Accessories *(cont'd.)*



### *Seal-Tite End Boot Accessories*

Seal-Tite End Boots provide the ultimate in protection for your tubing bundles – seal and terminate all exposed bundle ends with our Seal-Tite End Boots. Chromalox Seal-Tite End Boots seal out moisture and fumes, providing weather resistant, water tight protection for terminating tube bundles, transitions, break-outs and splices. Seal-Tite End Boots also protect mechanical parts against corrosion and abrasion.

Heat-shrinkable and easy to install, Seal-Tite End Boots are made from a thermally stabilized, modified polyolefin, and are available in one to four leg configurations.

### **Installation**

Each kit contains everything necessary for installation. Simply install the washers and end boots according to the enclosed instructions. Shrink-to-fit by using a heat gun. The heat activated, thermo-plastic adhesive sealant produces a water-tight seal when used on standard plastic jacketing and leads as well as steel, aluminum, copper, and electromagnetic insulating materials. Seal-Tite End Boots effectively replace messy tapes, epoxies and encapsulations.

### *Product Specifications*

Part Number	Number of Legs	Minimum Base I.D. (In.)	Maximum I.D. Base (In.)
562353028	1	0.75"	2.00"
562353020	2	0.75"	2.00"
562640038	3	0.75"	2.40"
562640039	4	0.75"	2.65"

## Tubing Bundle Accessories (cont'd.)

### 1548 Series Electrical Connection Kits

The 1548 Electrical Connection Kits are designed to work with Chromalox Electric Traced Tubing Bundles including Series 2252/2262, 2256/2266 and 2F52/2F62.

The 562640040 Connection Kit (pictured here) includes everything necessary to make:

- One (1) input power connection, or
- One (1) input power splice connection, or
- One (1) input splice connection, or
- One (1) input power connection with thermostat
- Two (2) termination connections



The 562640041 is identical to the 562640040 but does not include the conduit box. This kit is intended for use with customer-supplied conduit boxes (Nationally Recognized Testing Laboratory Approved and meeting the requirements of ANSI/ISA-S82).

These electrical connection kits are approved by Factory Mutual for use in ordinary locations as well as Class I, Division 2, Group B, C, and D; Class II, Division 2, Group F and G; and Class III, Division 1 and 2 hazardous locations.

### Connection Box Sizing

This chart shows the minimum connection box volume requirements (per NEC) for various types of connections for different heating elements. The connection box supplied with the standard 562640040 Connection Kit has a volume of 10 cubic inches.

A properly sized (per NEC) and NRTL Approved enclosure, suitable for the intended area must be used. Contact your Chromalox representative.

### Product Specifications

Part Number	Description
562640040	Electrical Connection Kit with Junction Box
562640041	Electrical Connection Kit without Junction Box

### Circuit Wiring Size

Heater Type	Connection Type	14GA	12GA	10GA	8GA
Self-Regulating	Input Power Connection	7.5	8	8.5	9.5
Self-Regulating	Input Power w/T'stat	9.25	9.75	10.25*	11.25*
Self-Regulating	Input Power Splice	9	11.25*	12*	13*
Self-Regulating	Heater Splice	7	7	7	7
Constant Wattage	Input Power Connection	8.5	9	9.5	10.5
Constant Wattage	Input Power w/T'stat	10.75*	11.25*	11.75*	12.75*
Constant Wattage	Input Power Splice	13*	13.5*	14*	15*
Constant Wattage	Heater Splice	9	9	9	9

**Note:** The NEC requires ground fault protection of equipment for each branch circuit supplying electric heating equipment.

\*The red values are not suitable for the shaded connection combinations shown.