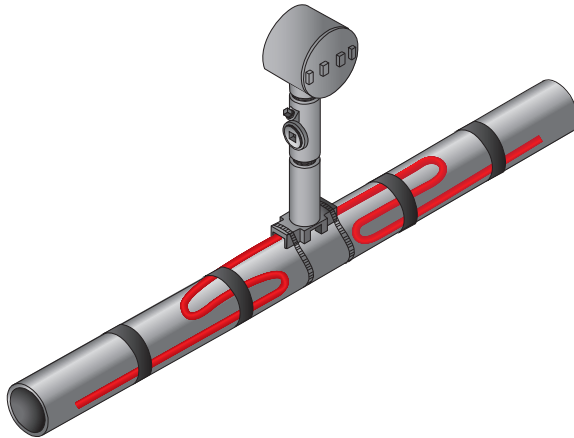


**PRODUCT OVERVIEW**


The Chromalox® HL-ES hazardous location end seal is a Division 1 certified junction box and seal fitting, designed to end seal Chromalox HSRL and HSRM heating cable for process temperature maintenance and fluid and viscosity maintenance applications. The junction box enclosure, seal fitting and pipe support are water-resistant, corrosion-resistant, and explosion-proof. The body of the junction box has an entry for one (1) cable and is internally threaded to accept an externally threaded cover for more room when wiring. The pipe support is provided to bring the cable end outside the insulation for easy access. The junction box, seal fitting and pipe support are made from high-strength aluminum. Metal pipe straps (Chromalox PS Series, not included) are required to attach the junction box to the pipe.

**DESCRIPTION**

This kit provides an end seal for one cable.

**KIT CONTENTS**

- 1 Junction Box
- 1 Box Cover
- 1 Seal Fitting with Nipple
- 1 Pipe Standoff
- 1 Ring Terminal
- 1 Tube of RTV
- 1 Termination Seals
- 1 Sealing Grommet
- 1 Sealing Compound
- 1 Butt Splice
- 1 4-Inch 12 AWG Leads, Green

**MATERIALS**

|                         |                        |
|-------------------------|------------------------|
| Junction Box .....      | Aluminum               |
| Box Cover .....         | Aluminum               |
| Seal Fitting .....      | Aluminum               |
| Pipe Standoff .....     | Aluminum               |
| Sealing Grommet .....   | Silicon Rubber, Black  |
| Termination Seals ..... | Silicone rubber, Black |

HL-ES END SEAL

APPROVALS



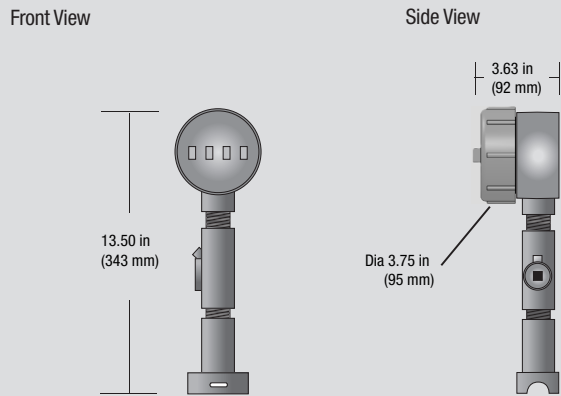
- Ordinary Areas
- Class I, Division 1 Groups B, C, D
- Class II, Division 1, Groups E, F, G
- Class III, Division I
- T-Rating\*

\*See cable schedule for T-rating



- Ordinary Areas
- Class I, Division 1, Groups B, C, D
- Class II, Division 1, Groups E, F, G
- Class III
- T-Rating\*

DIMENSIONS



PRODUCT SPECIFICATIONS

|                                               |                  |
|-----------------------------------------------|------------------|
| Heating Cable Use .....                       | HSRL, HSRM       |
| Ingress Protection .....                      | NEMA 4X          |
| Conduit Hub Size .....                        | 0.75 in. (19 mm) |
| Minimal Install Temperature .....             | -40°F (-40°C)    |
| Maximum Exposure Temperature, Power Off ..... | 420°F (215°C)    |
| Maximum Voltage .....                         | 277 V,           |
| Maximum Circuit Breaker .....                 | 50 A             |
| Conductor Size Range .....                    | 16 AWG           |
| Weight .....                                  | 4 lb (1.81 kg)   |

ORDER DETAILS

|                           |                |
|---------------------------|----------------|
| Catalog Description ..... | HL-ES End Seal |
| Part Number .....         | 382221         |



1347 Heil Quaker Blvd  
LaVergne, TN 37086

TECHNICAL SUPPORT  
412-967-3940

email: [sales@chromalox.com](mailto:sales@chromalox.com)  
[www.chromalox.com](http://www.chromalox.com)

\*press 1 to be directed to heat trace support