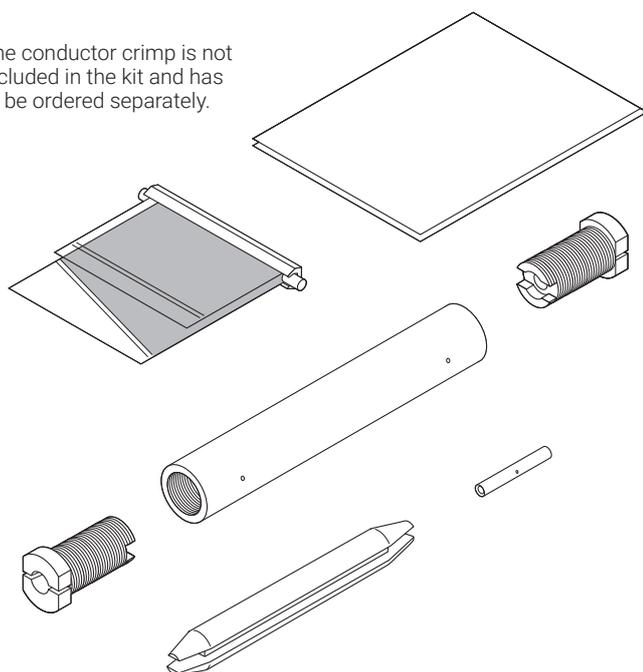


## Cold applied connection and splice kit with silicone sealing for Polymer Insulated (PI) heating cables

### PRODUCT OVERVIEW

The conductor crimp is not included in the kit and has to be ordered separately.



The kits nVent RAYCHEM CS-150-xx-PI are designed to connect a PI cold lead cable to a polymer insulated (PI) series heating cable as well as to splice two PI heating cables. The kit employs a two component silicone compound to provide durable and flexible moisture proof encapsulation.

Electrical continuation is maintained via specially engineered crimps that provide a highly reliable electrical connection.

It is very important that the electrical crimp connections are performed with the correct crimp tool (PI-TOOL-xx).

Due to its low profile design, the connection can be easily installed under the insulation directly on the pipe. If used as a connection kit, a cable gland, an insulation entry kit as well as a crimp for the connection between the cold lead and the heating cable, need to be ordered separately. If used as a splice kit, just the heating cable conductor crimp is needed additionally.

For simplified installation- and maintenance work, we offer a crimp toolbox that contains the suitable installation tool, crimping dies and a variety of crimps exactly matching common cable types. For all details concerning the crimping system, refer to the datasheet of the electrical connection system for PI heating cables (PI-TOOL-SET-xx).

### Application

Cold applied silicone sealed connection/splice for PI heating cables.

### Kit contents

- 1 x PTFE body
- 2 or 3 x PTFE plugs (depending on kit)
- 1 x PTFE crimp separator
- 1 x two component silicone compound in plastic bag (shelf life is 12 months)
- 2 x braid crimps
- 1 x identification label
- 1 x multilingual installation instruction

## PRODUCT SPECIFICATIONS

### Dimensions (in mm)

CS-150-2.5-PI: Overall length ~120 mm, Ø ~17 mm

CS-150-6-PI: Overall length ~120 mm, Ø ~26 mm

CS-150-25-PI: Overall length ~135 mm, Ø ~35 mm

### Technical details

	CS-150-2.5-PI	CS-150-6-PI	CS-150-25-PI
Max. operating temperature	200°C continuous, (260°C intermittent)		
Min. installation temperature	-50°C		
Max. operating voltage (U0/U)	450/750 Vac nominal		
Max. operating current	Only limited by heating cable used		
Cable/Cold leads	Up to 2.5 mm <sup>2</sup>	4 to 6 mm <sup>2</sup>	10 to 25 mm <sup>2</sup>

## APPROVALS

For use in ordinary and hazardous area Zone 1 and Zone 2 (Gas), Zone 21 and Zone 22 (Dust)

### Temperature classification

Temperature classification is defined by the complete system.

### Product certification



More details about product certification, approvals and conditions of safe use are available in the installation manual at [www.nVent.com/RAYCHEM](http://www.nVent.com/RAYCHEM).

## ORDERING INFORMATION

Order reference	CS-150-2.5-PI	CS-150-6-PI	CS-150-25-PI
Part number (Weight)	1244-000586 (0.1 kg)	1244-000588 (0.2 kg)	1244-000587 (0.3 kg)

### Accessories

Cable gland for PI connection kit (one per piece of cold lead connection; to be ordered separately)	C20-PI-PA-KIT Hazardous area approved gland, PA, up to -40°C
	C20-PI-M0-KIT Hazardous area approved gland, Ni plated brass, up to -55°C (to be used with boxes with integral earth plate or with earth lug)

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