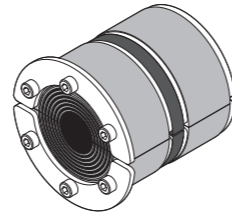
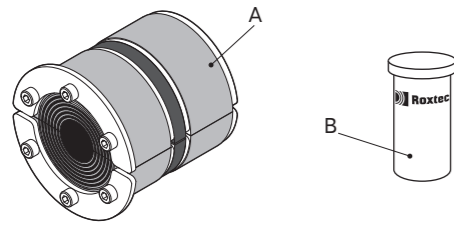


# Installation instructions

## Roxtec RS PPS/S seal



### Components



A. Roxtec RS PPS/S seal  
B. Roxtec Lubricant

### Technical data

Name	Aperture dimension Ø (mm)	For cable/pipe Ø (mm)	Torque (Nm)	Tool size (mm)
RS PPS/S 31	31 – 32	4 – 17	~ 1	2.5
RS PPS/S 43	43 – 45	4 – 23	~ 4	4
RS PPS/S 50	50 – 52	8 – 30	~ 4	4
RS PPS/S 68	68 – 70	26 – 48	~ 4	4
RS PPS/S 75	75 – 77	24 – 54	~ 4	4
RS PPS/S 100	100 – 102	48 – 70	~ 4	4
RS PPS/S 125	125 – 127	66 – 98	~ 7	5
RS PPS/S 150	150 – 152	93 – 119	~ 7	5

### Additional information



Scan QR code or visit [roxtec.com](http://roxtec.com) for additional information, such as drawings, apertures, videos, ratings and certificates.

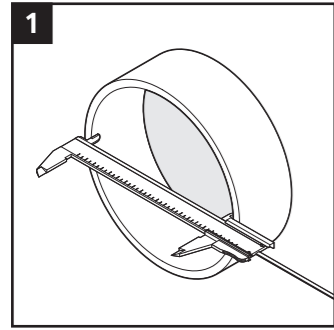
### Tools

- Allen key (not included)
- Caliper (not included)
- Brush (not included)

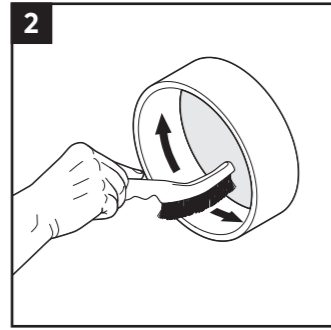
### To be installed in

- Welded sleeves
- Bolted sleeves

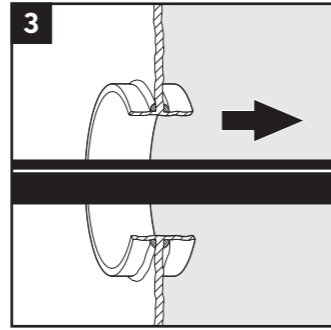
## Installation



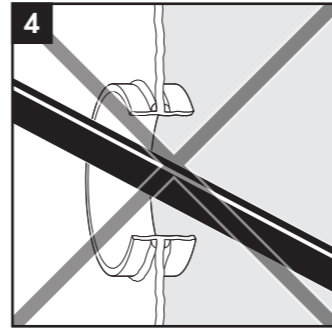
1 Make or verify an aperture.



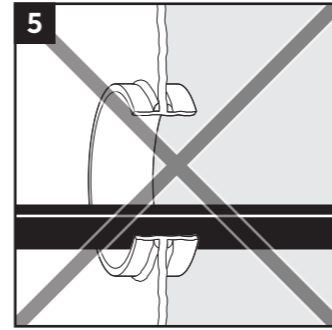
2 Clean the aperture.



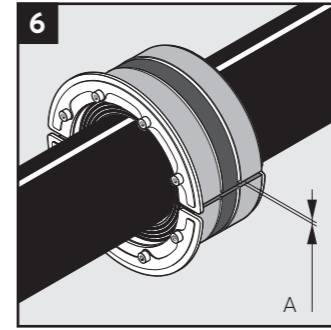
3 Pull the pipe straight and centered through the aperture.



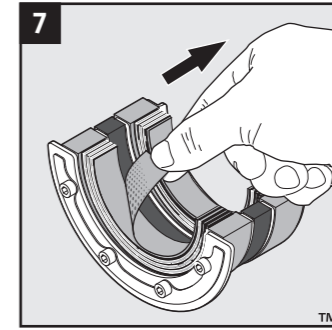
4 Not acceptable.



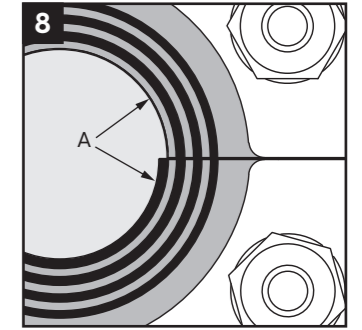
5 Not acceptable.



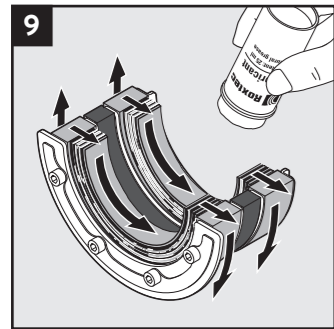
6 Achieve a 0-1.0 mm gap (A) between the two halves when held against the pipe.



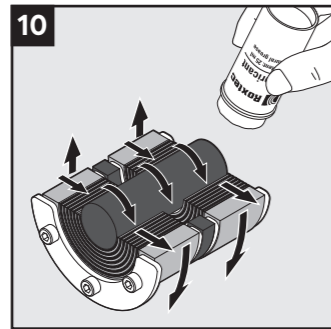
7 Adapt the seal by peeling off layers.



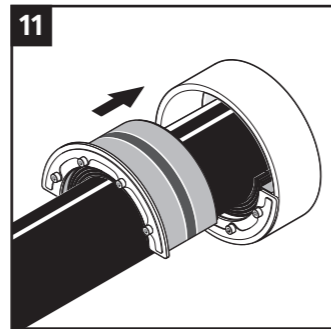
8 The number of layers may not differ (A) by more than one between the corresponding seal halves.



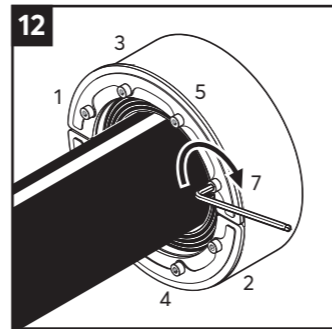
9 Lubricate the inside and the outside sealing surfaces with Roxel Lubricant.



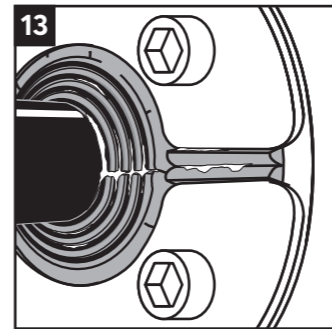
10 Lubricate the sealing surfaces of any spare seal. Do not remove the core.



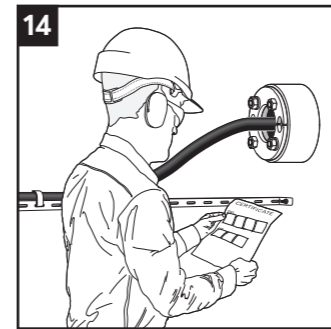
11 Insert the halves into the aperture.



12 Tighten the bolts crosswise in small steps to firm compression.



13 Bulging rubber and visible protruding lubricant indicate a tight seal.

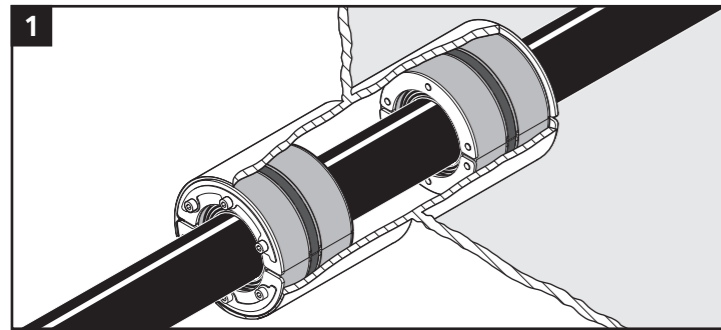


14 Check additional documentation, if applicable.

### After installation inspection

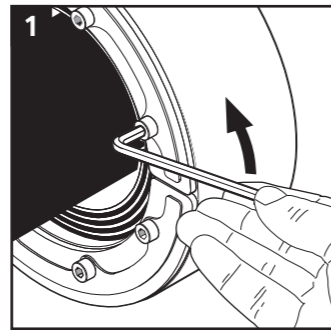
- Are the screws tightened evenly?
- Are the layers peeled correctly?
- Is lubricant protruding?
- Is the rubber bulging?

## Watertightness after fire

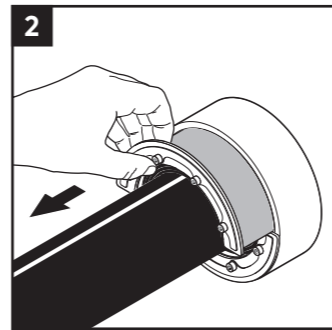


1 To achieve sustained watertightness in case of fire exposure, mount two RS PPS/S seals back to back in a longer sleeve.

## Disassembly



1 Untighten the screws crosswise in small steps.



2 Remove the seal.

## Note

- For optimum reliability, wait 24 hours or longer after installation before exposing the pipe to strain or pressure.
- The pipe shall be parallel to the sleeve/aperture.
- A pipe with a considerable weight needs to be supported to prevent damage or subsidence to the seal.
- Approvals or certificates may include amendments or limitations related to this application.
- A seal with core is spare capacity.
- The latest version of this and related documents are found at roxtec.com.
- A longer sleeve is required for achieving sustained watertightness after fire exposure.

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"The Roxtec cable and pipe entry sealing system ('the Roxtec system') is a modular-based system of sealing products consisting of different components. Each and every one of the components is necessary for the best performance of the Roxtec system. The Roxtec system has been certified to resist a number of different hazards. Any such certification, and the ability of the Roxtec system to resist such hazards, is dependent on all components that are installed as a part of the Roxtec system. Thus, the certification is not valid and does not apply unless all components installed as part of the Roxtec system are manufactured by or under license from Roxtec (authorized manufacturer). Roxtec gives no performance guarantee with respect to the Roxtec system, unless (I) all components installed as part of the Roxtec system are manufactured by an authorized manufacturer and (II) the purchaser is in compliance with (a), and (b), below.

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(b) Installation shall be carried out in accordance with Roxtec installation instructions in effect from time to time.

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