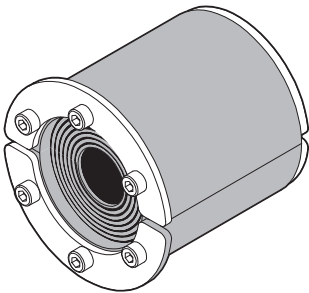
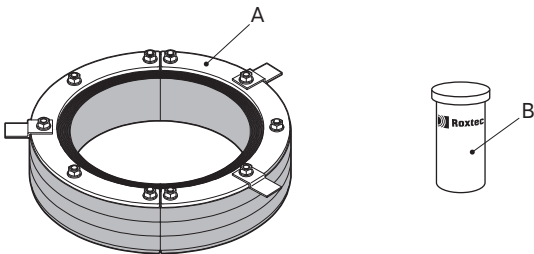


Installation instructions
Roxtec RS seal

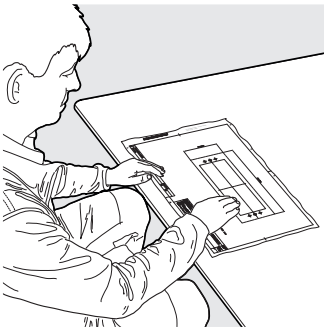


Components



A. Roxtec RS seal
B. Roxtec Lubricant

Additional information



Scan QR code or visit roxtec.com for additional information such as drawings, aperture, videos, ratings and certificates.

Technical data

The amount of torque needed to compress the seal depends on several things, e.g cable or pipe size, amount of used lubricant, aperture size or material in the cable sheath, etc.

Name	Aperture dimension Ø (mm)	For cable/pipe Ø (mm)	Torque (Nm)	Tool size (mm)
RS 25	25 – 26	3.6 – 12	~ 1	2.5
RS 31	31 – 32	4 – 17	~ 1	2.5
RS 43	43 – 45	4 – 23	~ 4	4
RS 50	50 – 52	8 – 30	~ 4	4
RS 68	68 – 70	26 – 48	~ 4	4
RS 75	75 – 77	24 – 54	~ 4	4
RS 100	100 – 102	48 – 70	~ 4	4
RS 125	125 – 127	66 – 98	~ 7	5
RS 150	150 – 152	93 – 119	~ 7	5
RS 175	175 – 177	119 – 145	~ 7	5
RS 200	200 – 203	138 – 170	~ 7	5
RS 225	225 – 228	151 – 181	~ 7	10
RS 250	250 – 253	176 – 206	~ 7	10
RS 300	300 – 303	206 – 236	~ 17	13
RS 350	350 – 353	244 – 286	~ 17	13
RS 400	400 – 403	294 – 336	~ 17	13
RS 450	450 – 453	344 – 386	~ 35	17
RS 500	500 – 503	394 – 436	~ 35	17
RS 550	550 – 553	444 – 486	~ 35	17
RS 600	600 – 603	494 – 536	~ 35	17
RS 644	644 – 647	538 – 580	~ 35	17

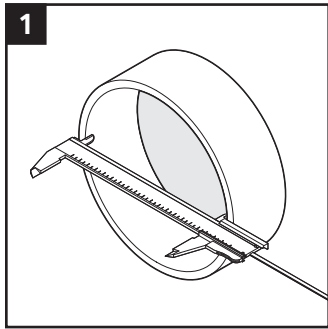
Tools

- Allen key RS 25-200 (not included)
- Spanner RS 225-644 (not included)
- Caliper (not included)
- Brush (not included)

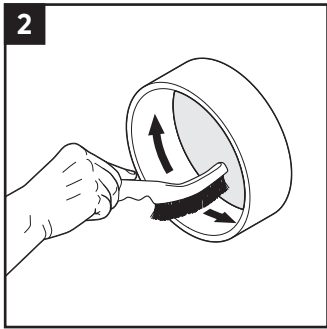
To be installed in

- Welded sleeves
- Bolted sleeves
- Cast-in sleeves
- Core drilled holes

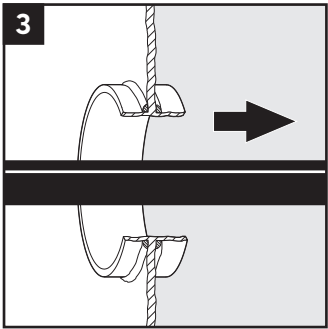
Installation



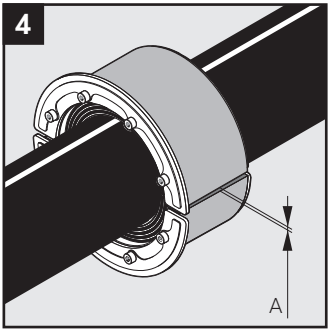
Make or verify an aperture.



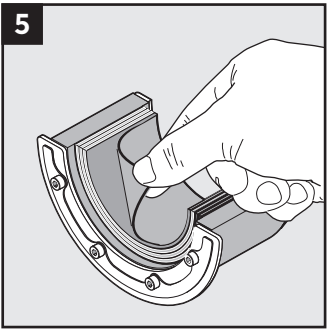
Clean the aperture.



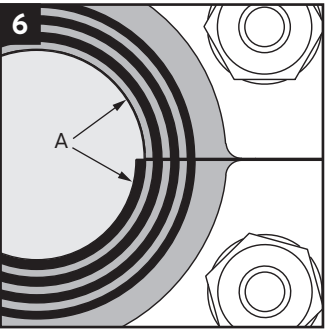
Pull the cable/pipe straight and centered through the aperture.



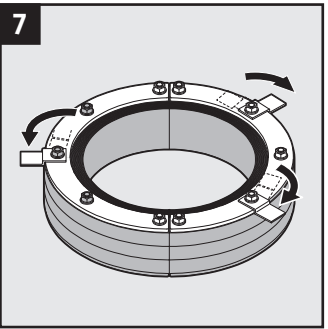
Achieve a 0-1.0 mm gap (A) between the two halves when held against the cable/pipe.



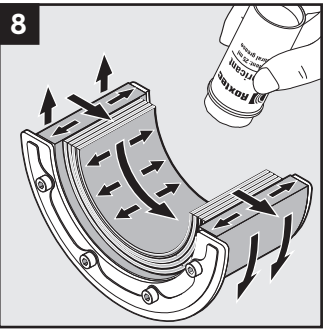
Adapt the seal by peeling off layers.



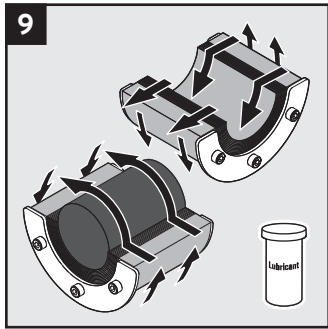
The number of layers may not differ (A) by more than one between the corresponding seal halves.



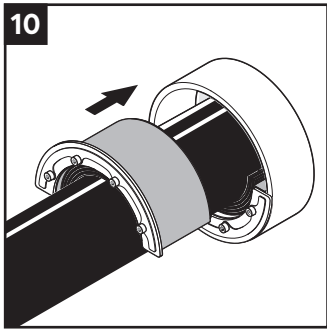
Fold out the tabs if any (RS 225-644).



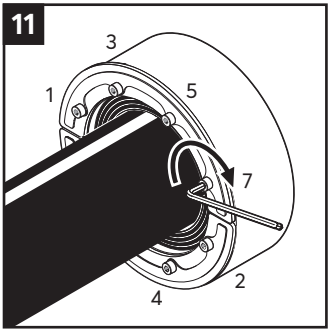
Lubricate the inside and the outside sealing surfaces with Roxtec Lubricant.



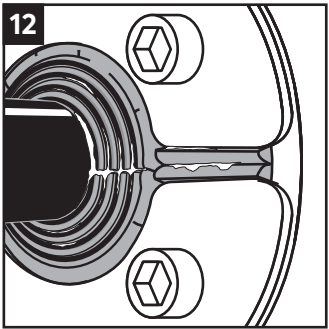
Lubricate the sealing surfaces of any spare seal. Do not remove the core.



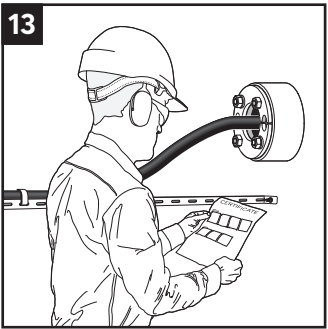
Insert the halves into the sleeve.



Tighten the bolts crosswise in small steps to firm compression.



Bulging rubber and visible protruding lubricant indicate a tight seal.

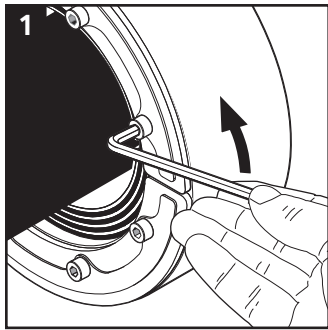


Check additional documentation, if applicable.

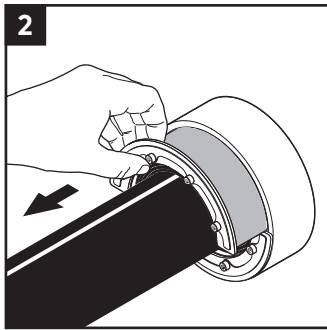
After installation inspection

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

Disassembly



Untighten the screws crosswise in small steps.



Remove the seal.

Note

- For optimum reliability, wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- Cables/pipes shall be parallel to the sleeve/aperture.
- Cable/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.

Disclaimer

"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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