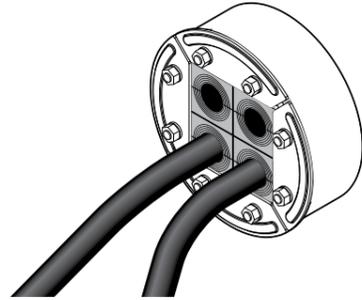
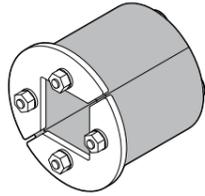


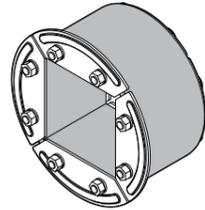
## Installation instructions Roxtec R transit



### Components



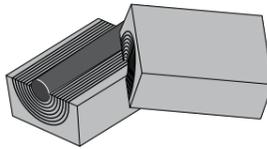
Roxtec R 50 - R 75 frame



Roxtec R 100 - R 200 frame



Roxtec Lubricant



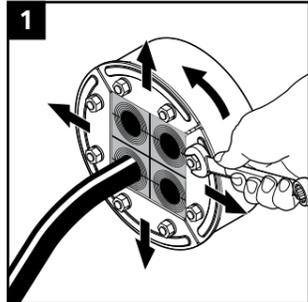
Roxtec RM sealing modules (not included)

### Technical data

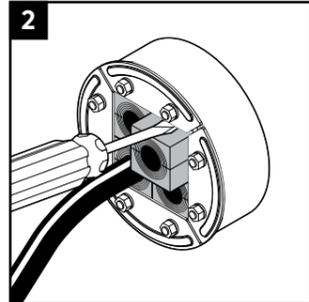
The amount of torque needed to compress the seal depends on several things, e.g cable or pipe size, amount of used lubricant, aperture size or material in the cable sheath, etc.

Name	Aperture dimension Ø (mm)	Packing space (mm)	Torque (Nm)	Tool size (mm)
R 50	50 – 52	30 x 30	4 – 5	3
R 70	70 – 72	40 x 40	6 – 7	10
R 75	75 – 77	40 x 40	6 – 7	10
R 100	100 – 102	60 x 60	6 – 7	10
R 125	125 – 127	80 x 80	6 – 7	10
R 127	127 – 129	80 x 80	6 – 7	10
R 150	150 – 152	90 x 90	9 – 11	13
R 200	200 – 202	120 x 120	9 – 11	13

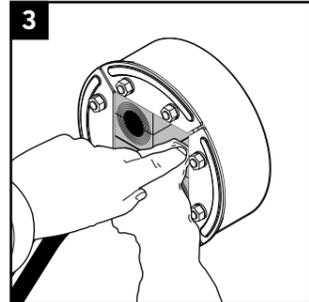
### Disassembly and reinstallation



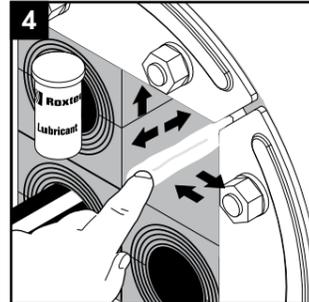
1 Untighten the nuts crosswise in small steps. Make sure the nuts are completely loose. Push the front fittings to the sides.



2 Remove the modules by using a flat tool. Replace any damaged modules.



3 Clean the inside surfaces of the exposed packing space.



4 Lubricate the inside surfaces all around with Roxtec Lubricant, especially into the corners. Continue the reinstallation.

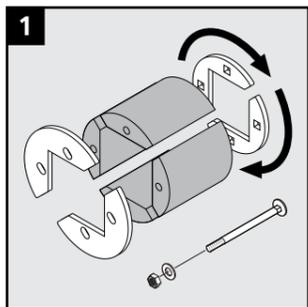
### Tools

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

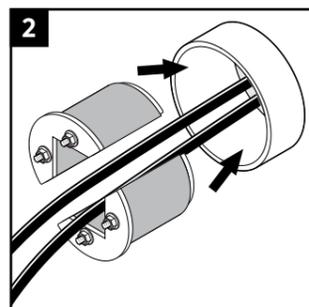
### To be installed in

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

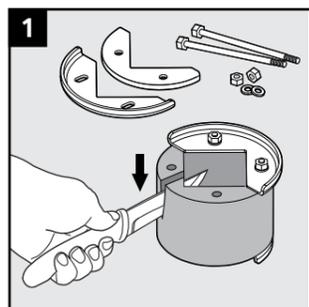
### Pre-routed cables/pipes



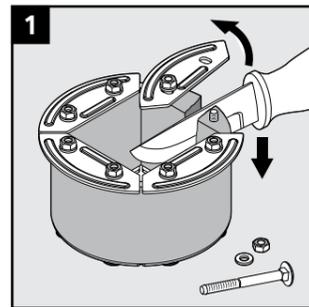
1 R 70 - 75: Disassemble the seal and orientate the fittings making the frame openable.



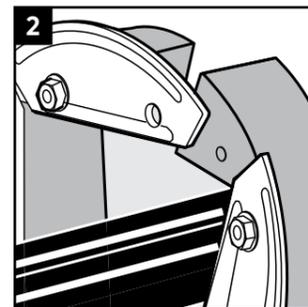
2 R 70 - 75: Install the frame around the cables.



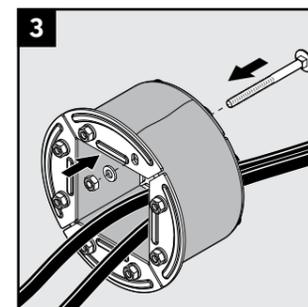
1 R 100: Remove fittings and cut the rubber between screw hole and corner.



1 R 125 - R 200: Remove fittings and cut the rubber between screw holes.

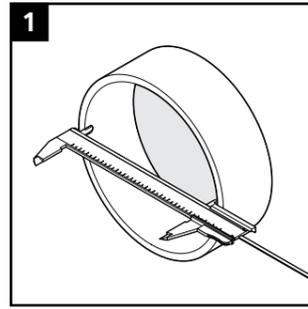


2 R 100 - R 200: Wrap the frame around the cables.

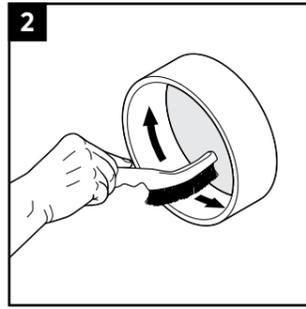


3 R 100 - R 200: Reassemble the frame around the cables.

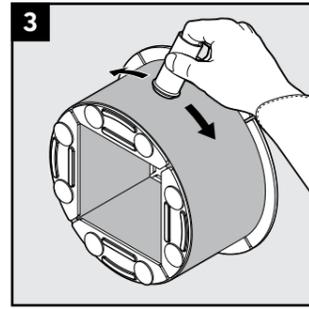
## Installation R transit



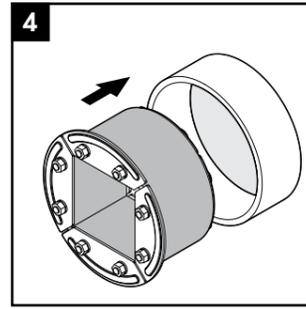
1 Make or verify an aperture.



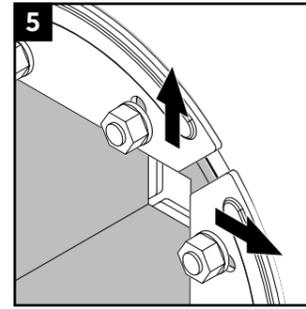
2 Clean the aperture.



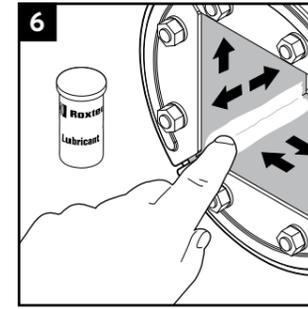
3 Lubricate the frame sparsely on the outside with Roxel Lubricant.



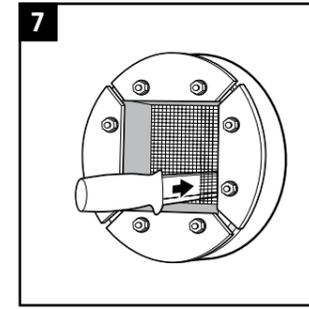
4 Insert the frame into the aperture.



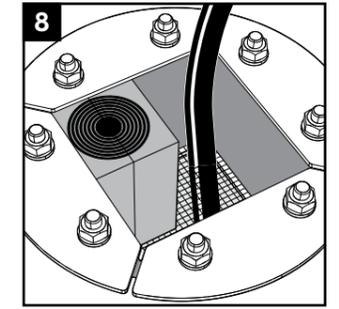
5 Push the front fittings to the sides.



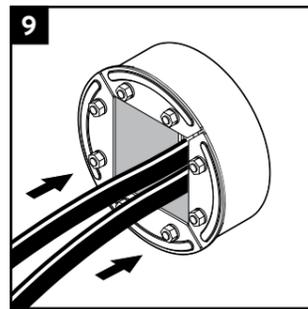
6 Lubricate the inside of the frame thoroughly, especially into the corners.



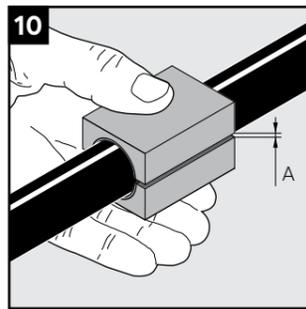
7 Perforate the net prior to routing cables/pipes if applicable.



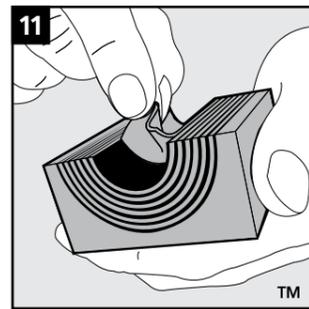
8 The net will simplify horizontal installations.



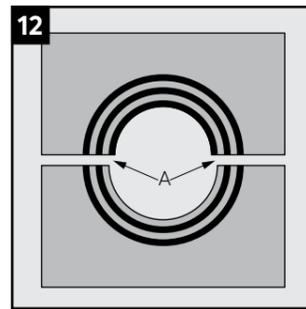
9 Route the cables/pipes through.



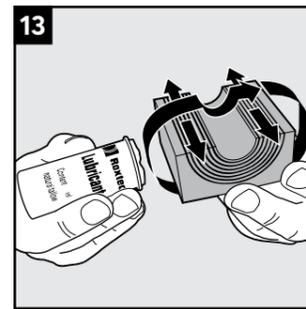
10 Achieve a 0.1-1.0 mm (A) gap between the two halves when held against the cable/pipe.



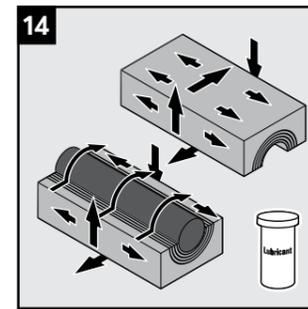
11 Adapt the modules by peeling off layers.



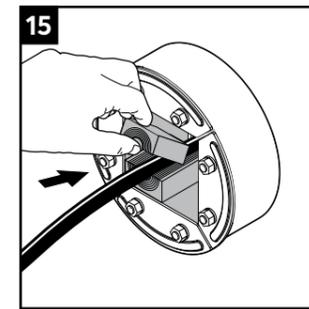
12 The number of layers may not differ (A) by more than one between the corresponding module halves.



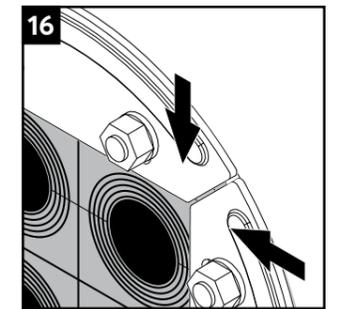
13 Lubricate all sealing surfaces on the modules.



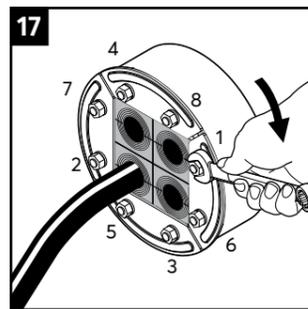
14 Lubricate the sealing surfaces of the spare modules. Do not remove the core.



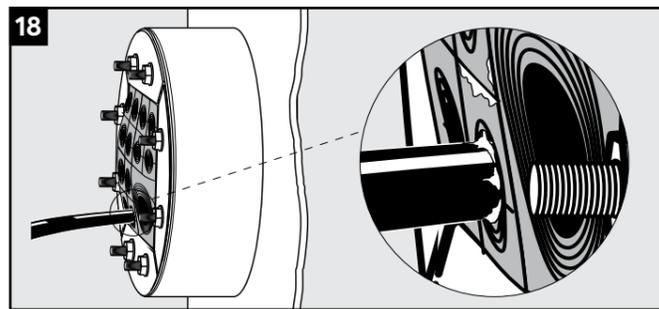
15 Insert the modules according to your packing plan. The cables/pipes shall be parallel to the sleeve.



16 Push the front fittings back towards the center.



17 Tighten the nuts crosswise in small steps.



18 Rubber surfaces bulging and protruding excess lubricant indicate a finalized transit.



19 Check additional documentation, if applicable.

## Note

- For optimum reliability, wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- To be used with: RM modules.
- 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.
- The latest version of this and related documents are found at [roxtec.com](http://roxtec.com).

## Disclaimer

The Roxel cable entry sealing system ("the Roxel 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 Roxel system. The Roxel system has been certified to resist a number of different hazards. Any such certification, and the ability of the Roxel system to resist such hazards, is dependent on all components that are installed as a part of the Roxel system. Thus, the certification is not valid and does not apply unless all components installed as part of the Roxel system are manufactured by or under license from Roxel ("authorized manufacturer"). Roxel gives no performance guarantee with respect to the Roxel system, unless (i) all components installed as part of the Roxel system are manufactured by an authorized manufacturer and (ii) the purchaser is in compliance with (a), and (b), below.

(a) During storage, the Roxel system or part thereof, shall be kept indoors in its original packaging at room temperature.

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

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