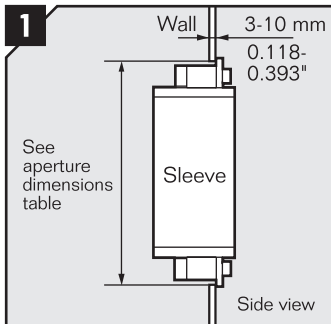
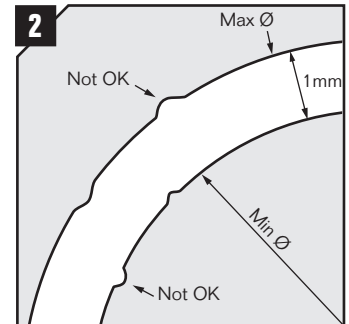


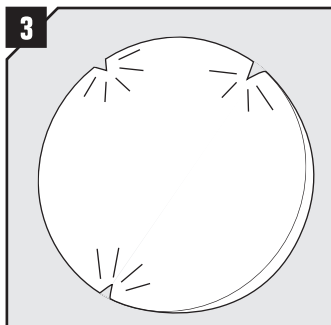
Sleeve, frame and module installation


Make a hole for the sleeve.

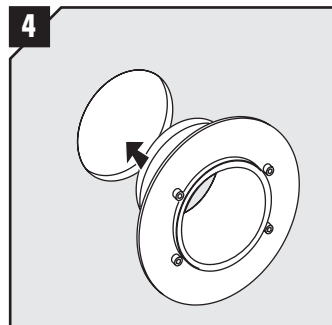
Type:	Min diameter ϕ (mm) (Max +2 mm, 0,079")	ϕ (in)
R X 75	115	4.528
R X 100	145	5.709
R X 125	170	6.693
R X 150	199	7.835
R X 200	250	9,843



Aperture irregularities are acceptable within min and max diameters.



Remove all sharp edges that could damage the compression rubber.

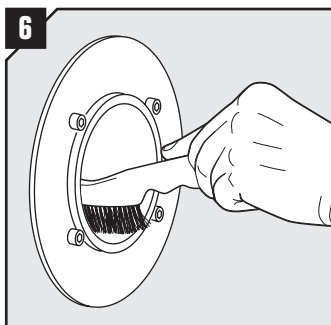


Insert the sleeve.

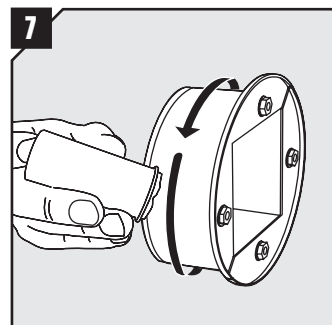
Size:	Rec. torque (Nm)
Sleeve	9
75-200	



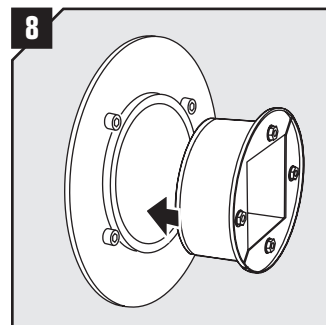
Tighten the bolts on the sleeve crosswise, in several turns. Use the same torque on each bolt.



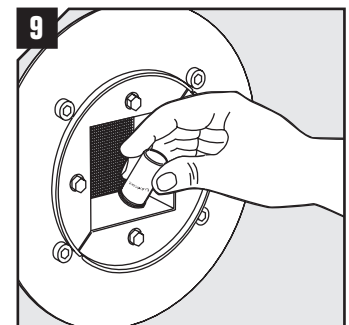
Remove any dirt in the sleeve.



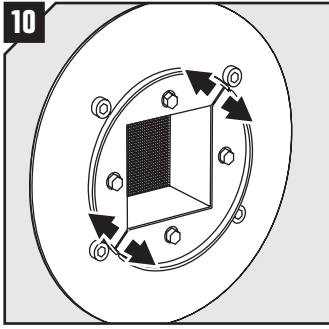
Lubricate the frame sparsely on the outside.



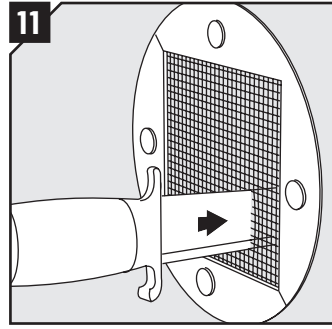
Insert the frame into the sleeve.



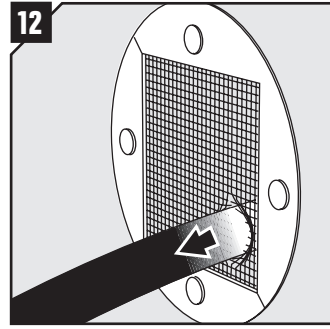
Lubricate the frame thoroughly on the inside, especially in the corners.



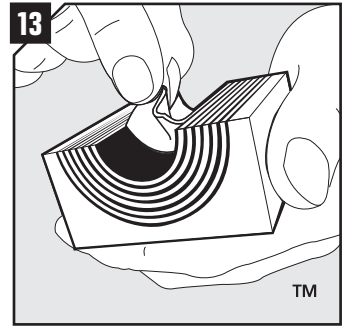
Push the front fittings to the sides.



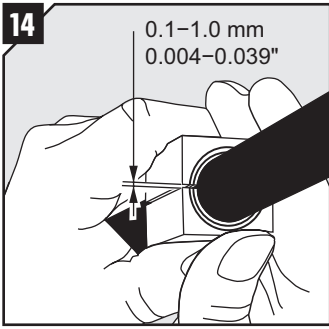
Cut or bend the net with a knife or your fingers to enable cables/pipes to pass through at their position.



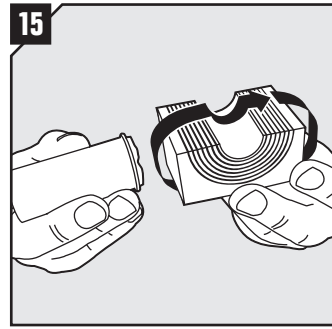
Pull cables/pipes through.



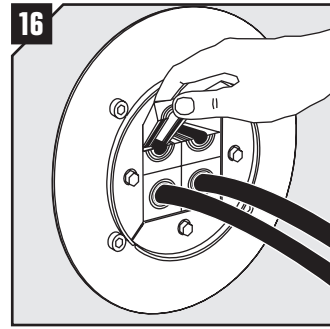
Adapt modules which are to hold cables or pipes by peeling off layers until you reach the gap seen in pic. 14. The halves may not differ by more than one layer.



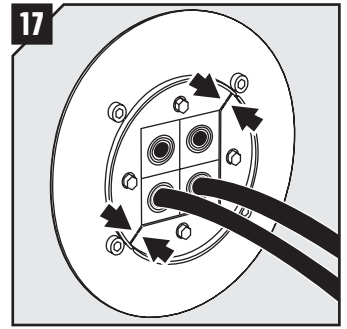
Achieve a 0.1-1.0 mm gap between the two halves when held against the cable/pipe.



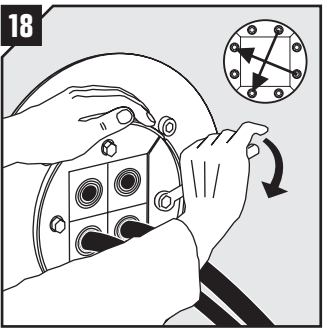
Lubricate all modules for the frame thoroughly, both the inside and the outside surfaces.



Insert the modules and cables/pipes according to your installation plan (transit plan).



Push the front fittings back towards the centre.



Tighten the nuts crosswise. The frame will compress until it is sealed. Please see recommended torque in the table.

Size:	Rec. torque* (Nm)
R	
70-127	6-7
150-200	9-11

* The recommended torque depends on several things, e.g cable or pipe size, amount of used lubricant, sleeve size or material in the cable sheet, etc.

Disassembly

Reverse order

Note

- For optimum reliability, wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- Cable/pipe shall be routed perpendicularly to the sleeve or hole.
- Cable/pipe of considerable weight must be supported by surrounding structure or equipment to prevent damage or subsidence to the seal.

DISCLAIMER

"The Roxtec cable 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.

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

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

The product information provided by Roxtec does not release the purchaser of the Roxtec system, or part thereof, from the obligation to independently determine the suitability of the products for the intended process, installation and/or use.

Roxtec gives no guarantee for the Roxtec system or any part thereof and assumes no liability for any loss or damage whatsoever, whether direct, indirect, consequential, loss of profit or otherwise, occurred or caused by the Roxtec systems or installations containing components not manufactured by an authorized manufacturer.

Roxtec expressly excludes any implied warranties of merchantability and fitness for a particular purpose and all other express or implied representations and warranties provided by statute or common law. User determines suitability of the Roxtec system for intended use and assumes all risk and liability in connection therewith. In no event shall Roxtec be liable for consequential, punitive, special, exemplary or incidental damages."



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com

