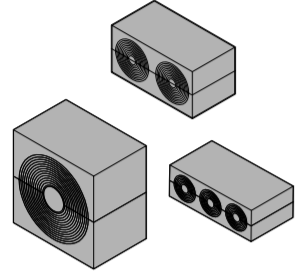
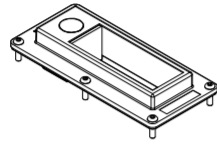


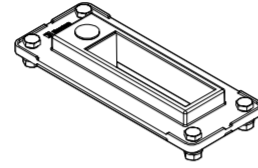
Components



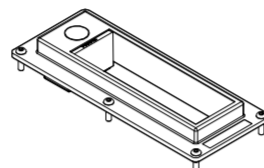
Sealing modules



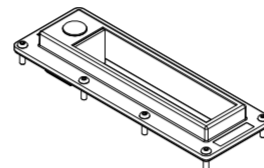
Comseal frame 10



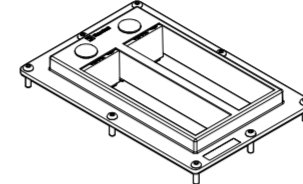
Comseal frame 12



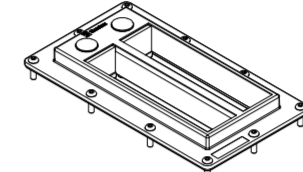
Comseal frame 15



Comseal frame 16



Comseal frame 30



Comseal frame 32



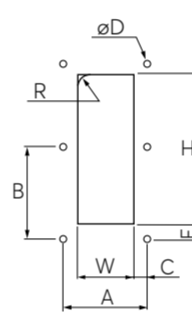
Roxtec Assembly Gel

Technical data

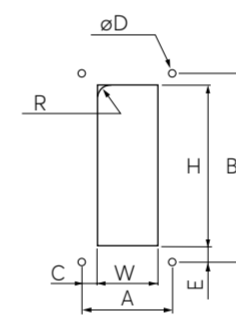
For modules.

Name	External dimensions WxHxD (mm)	For cable/pipe Ø (mm)
CM 15w40	40 x 15 x 30	3.5 – 10.5
CM 20	20 x 20 x 30	4 – 14.5
CM 20w40	40 x 20 x 30	3.5 – 16.5
CM 30	30 x 30 x 30	10 – 25
CM 30w40	40 x 30 x 30	10 – 25
CM 40	40 x 40 x 30	21.5 – 34.5
CM 40 10–32	40 x 40 x 30	9.5 – 32.5

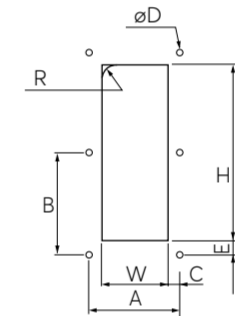
Aperture



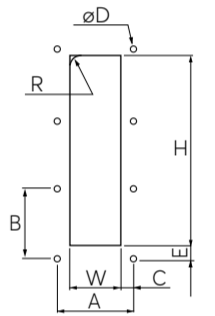
ComSeal 10



ComSeal 12

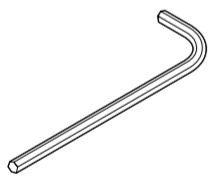


ComSeal 15

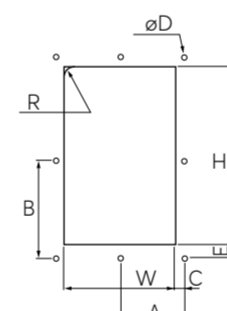


ComSeal 16

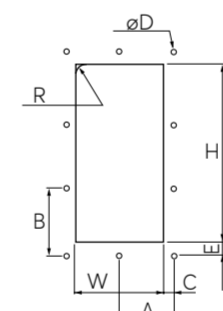
Tools



Allen key (not included)



ComSeal 30



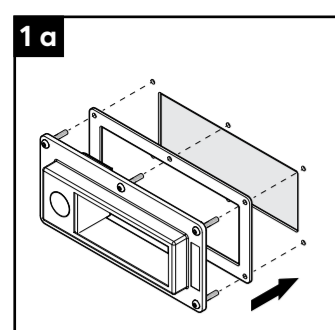
ComSeal 32

	H	W	R	ØD	A	B	C	E
ComSeal 10	149±1	56±1	≤ 10	5.5	68.5±0.5	80.5±0.5	6.25±1	6±1
ComSeal 12	169±1	56±1	≤ 10	9	62±0.5	193±0.5	3±1	12±1
ComSeal 15	195±1	61±1	≤ 10	5.5	78.5±0.5	105.5±0.5	9±1	8±1
ComSeal 16	209±1	56±1	≤ 10	5.5	68.5±0.5	73.7±0.5	6.25±1	6±1
ComSeal 30	195±1	120±1	≤ 10	5.5	71.5±0.5	109.5±0.5	11±1	12±1
ComSeal 32	209±1	103±1	≤ 10	5.5	61.5±0.5	76.3±0.5	10±1	10±1

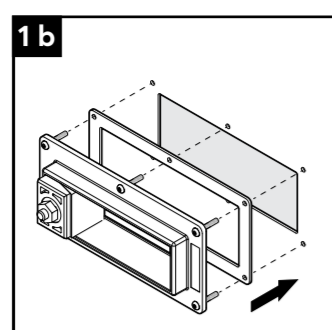
Note

- For optimum reliability, wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- To be used together with CM modules.
- To simplify installation of Roxtec ComSeal™ 30 and 32, it is recommended to fill both openings before tightening the compression units.
- Cables shall go straight through the frame.
- For Roxtec ComSeal™ 12, a standard FL 21 aperture can be used.
- 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.

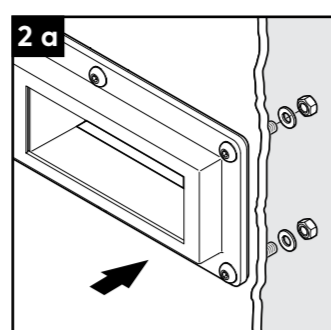
Installation



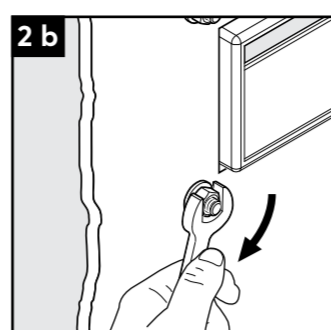
Insert the frame into the aperture. Place the gasket between the frame and the structure.



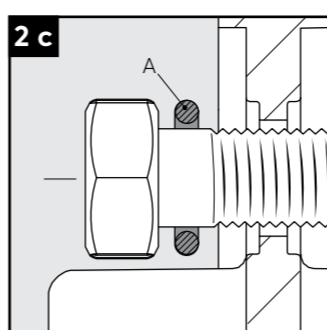
Alternatively, insert the frame with the compression nut facing outwards.



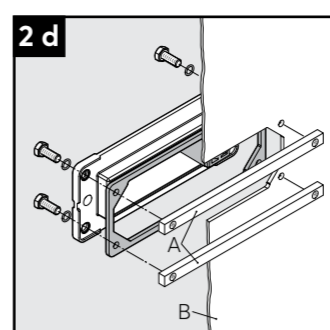
Attach the frame using the enclosed fasteners.



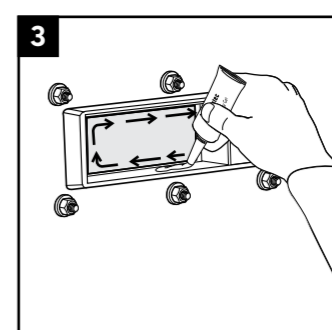
Tighten the nuts firmly, crosswise and in small steps.



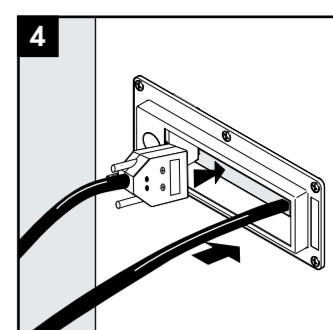
For ComSeal 12, the O-ring (A) shall be mounted under the bolt head.



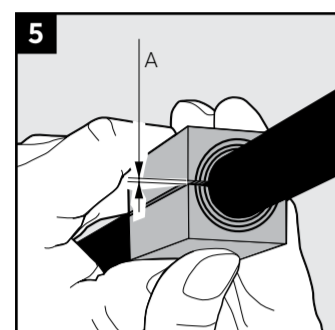
For ComSeal 12, counter frames with art. no. 2CV0001020219 (A) shall be used if the structure (B) is thinner than 2 mm.



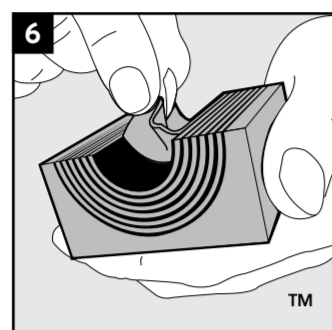
Lubricate the sealing surfaces of the frame with Roxtec Assembly Gel, especially in the corners.



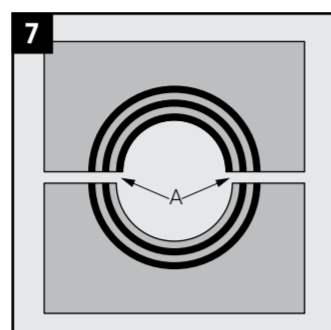
Insert the cables through the frame.



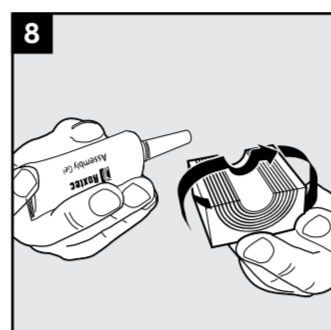
Achieve a 0.1-1.0 mm gap (A) between the two module halves when held against the cable/pipe.



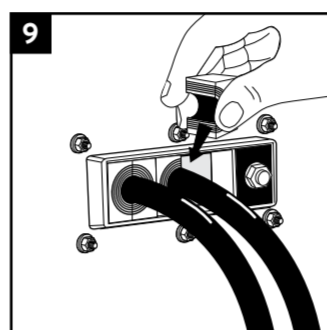
Adapt the modules by peeling off layers.



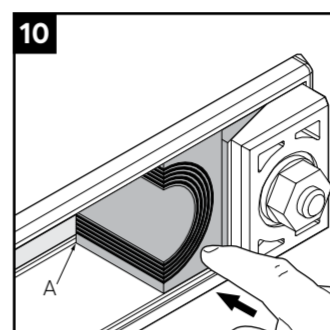
The number of layers may not differ (A) by more than one between the corresponding module halves.



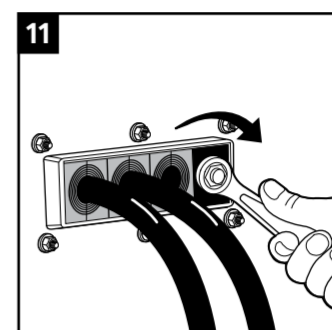
Lubricate all sealing surfaces on the modules.



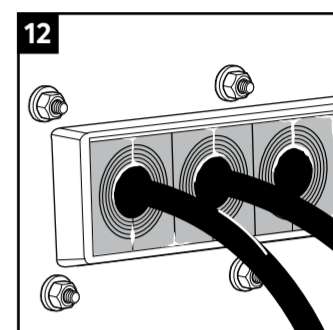
Insert the modules from the same side as the compression nut, according to the packing plan. If possible, start with the largest modules.



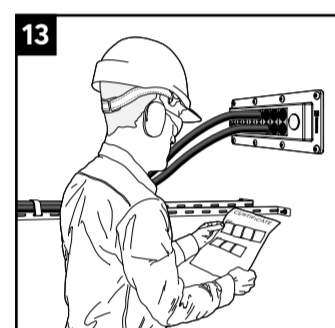
The modules shall rest against the edge (A).



Tighten the nut firmly to max. 10 Nm.

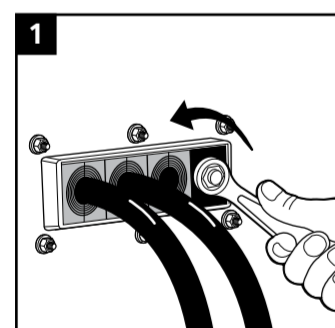


Excess lubricant is a sign of good compression.

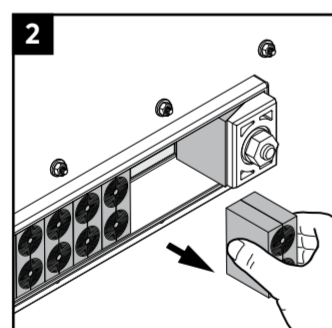


Make a final check! Different approvals or certificates may include amendments or limitations related to this application.

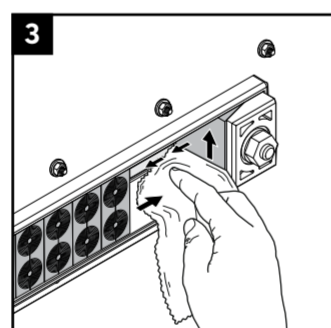
Disassembly and reinstallation



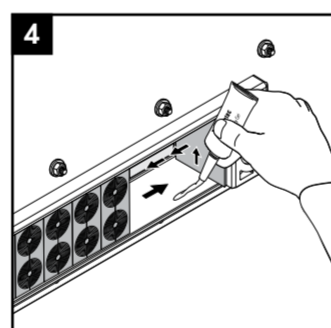
Untighten the nut.



Remove modules needed.



Clean the exposed sealing surfaces.



Lubricate the exposed sealing surfaces. Continue the reinstallation.

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.

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