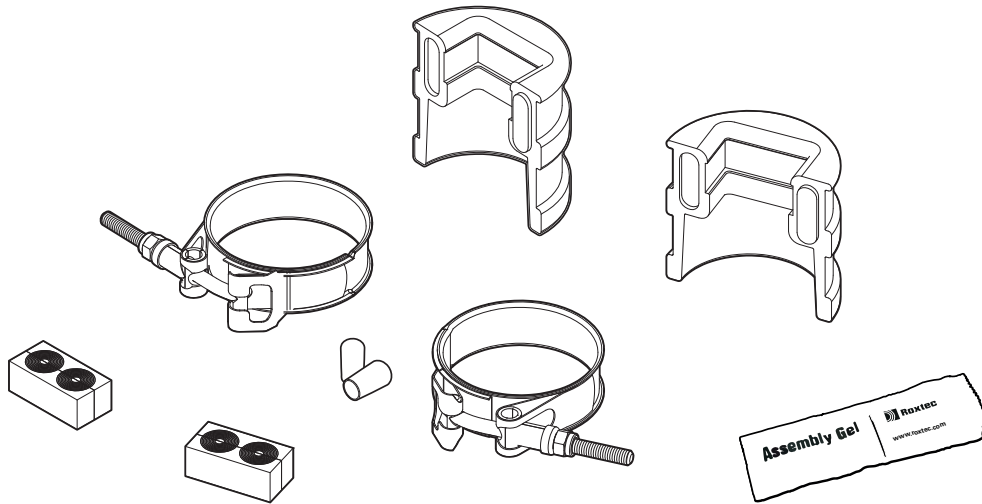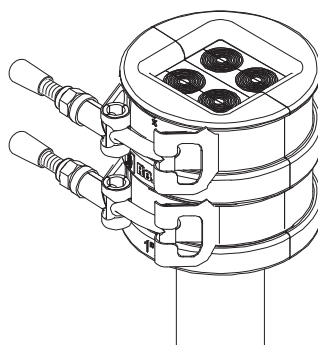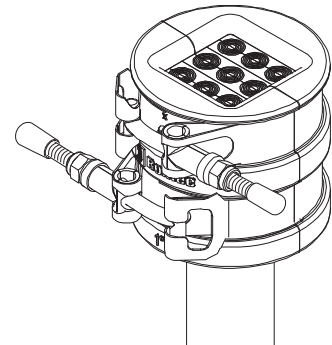## Products
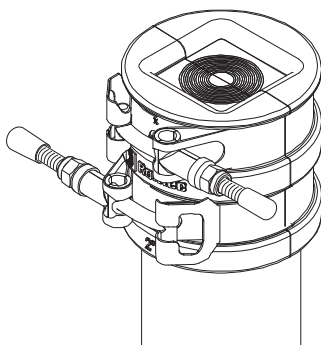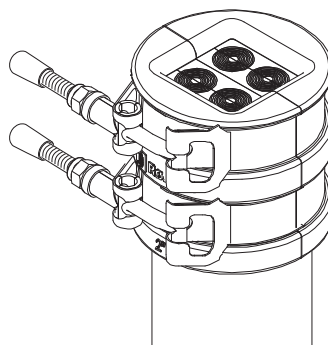

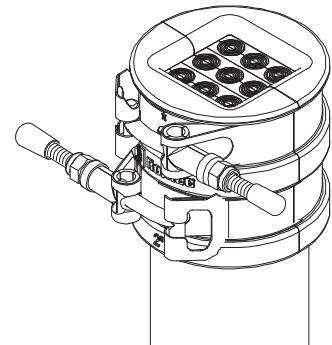Roxtec Conduit Seal™ 1"/1

Roxtec Conduit Seal™ 1"/4

Roxtec Conduit Seal™ 1"/9

Roxtec Conduit Seal™ 2"/1
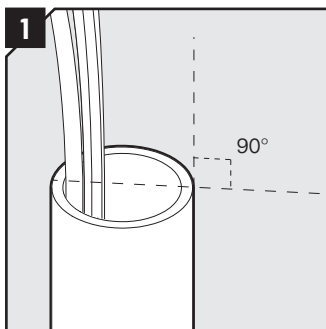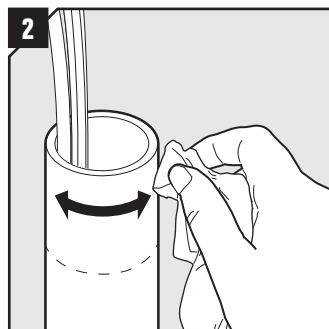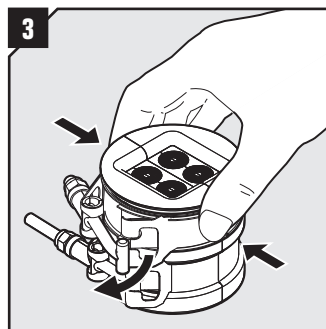

Roxtec Conduit Seal™ 2"/4
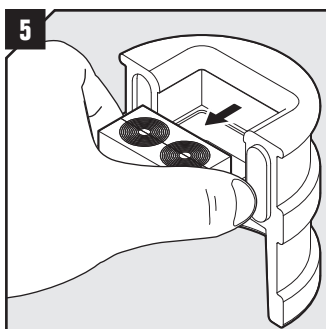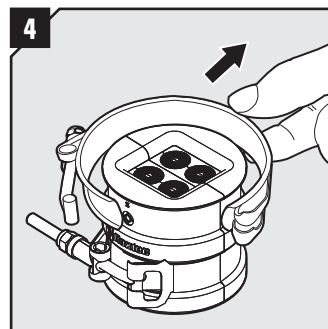

Roxtec Conduit Seal™ 2"/9

Installation of frame

1

Ensure that the end cut of the conduit is even and perpendicular all around.
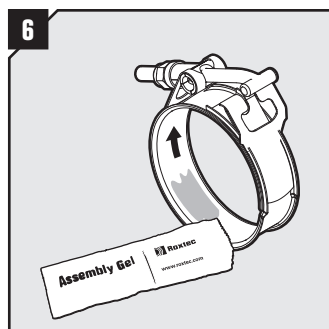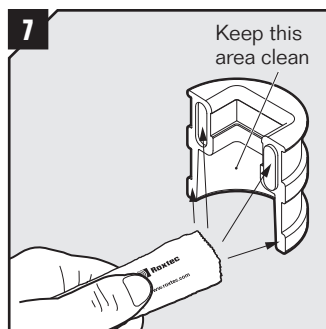
2

Clean the conduit tube all around.

3

Untighten the nuts of the clamps as much as possible. Compress the clamps to open them. Remove both clamps from the rubber frame.
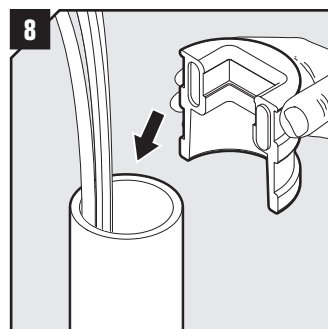
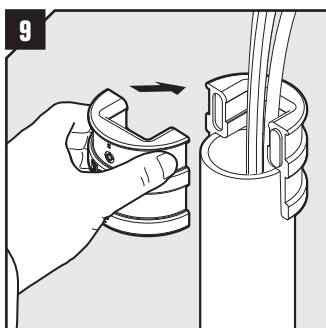**4**

5

Remove the modules from the rubber frame.

6

Assembly Gel

Lubricate one of the clamps all around on the inside surface.
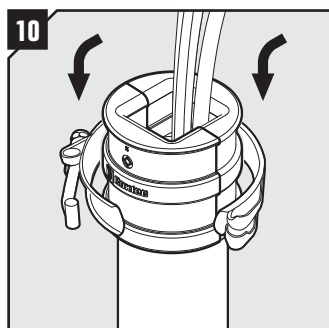
7

Keep this area clean

Lubricate the areas shown in the picture on both frame halves. Do not lubricate the area which will be in contact with the conduit tube.
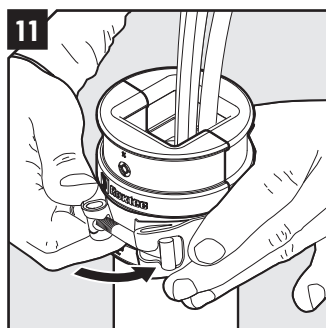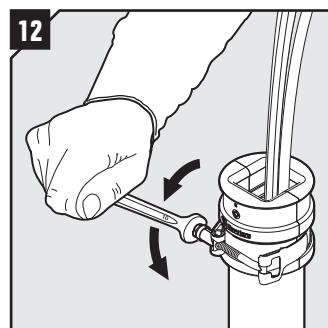
8

Place a rubber frame half on the conduit tube.

9

Put the other frame half on the conduit. Ensure that the frame halves sit properly on the end of the conduit.

10

Open up the clamp and wrap it around the rubber frame in the direction of your choice. Do not open it more than necessary.
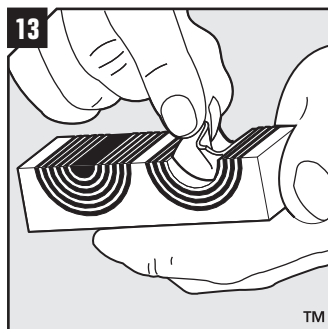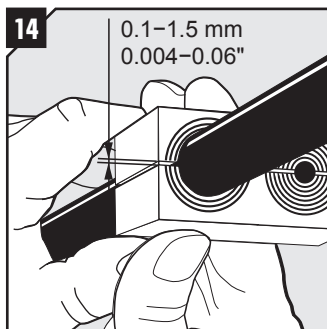
11

Reassemble the clamp.

12

Compress the clamp by tightening the nut until it is secured on the conduit. It shall not be possible to turn the conduit seal.
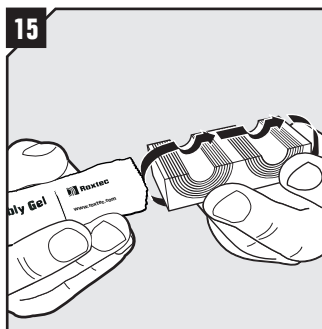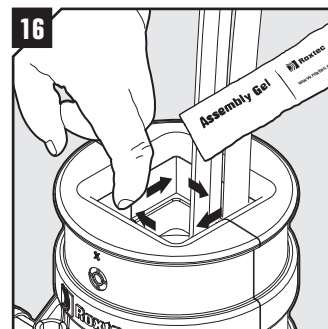
Installation of modules

13 Adapt modules, which are to hold cables or pipes, by peeling off layers until you reach the gap seen in pic. 14. The remaining number of layers on the halves may not differ.
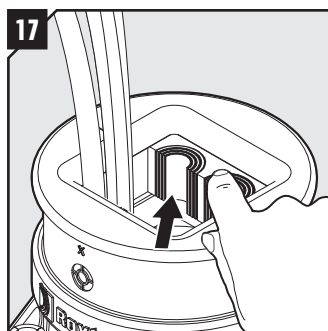
14 0.1−1.5 mm
0.004−0.06"

Achieve a 0.1−1.5 mm gap between the two halves when held against the cable. Ensure that both halves have an equal number of layers remaining.
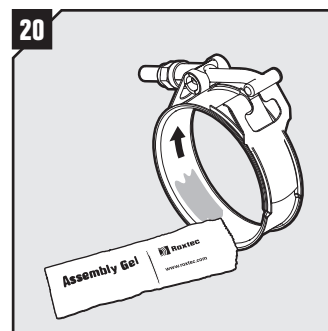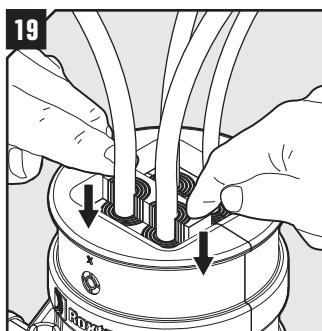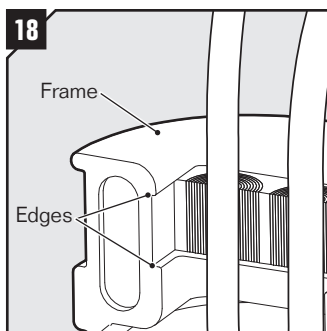
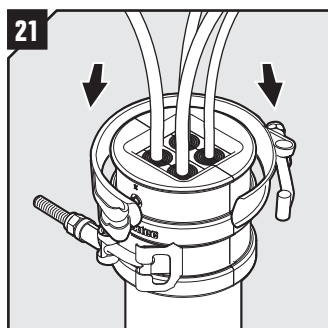**15** Lubricate all modules for the frame thoroughly, both the inside and the outside surfaces.

16 Lubricate the frame thoroughly on the inside surfaces.
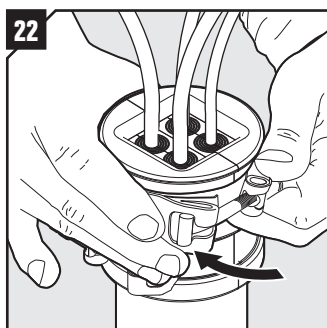
17

18 Frame
Edges

19

Insert the modules according to your installation plan (transit plan). Make sure that the module enters properly between the edges of the frame.
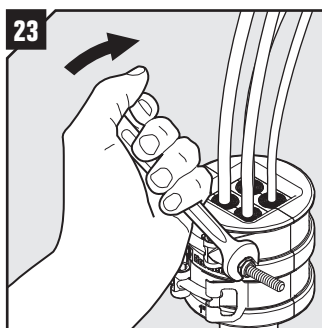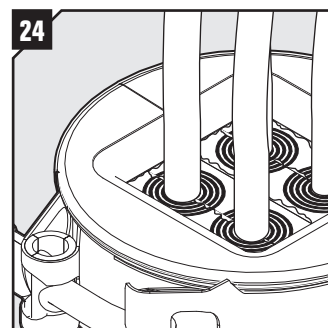
20 Lubricate the other clamp.

21 Open up the clamp and wrap it around the rubber frame. Do not open it more than necessary.
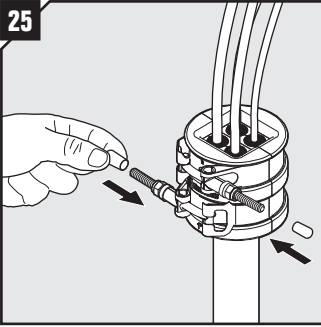
22 Assemble the clamp.

23 Compress the seal by tightening the nut of the clamp. Excess lubricant shall be visible directly after installation. Check that there are no visible gaps between cables and modules after compression.
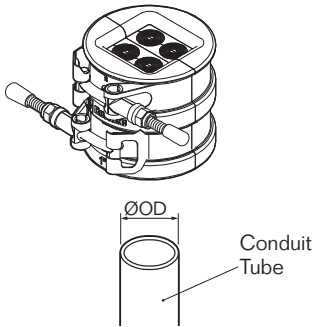
24

Complete the installation by putting
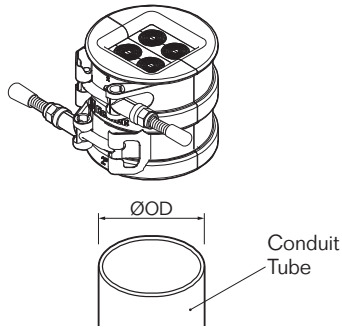the end caps on to the threads of
both screws.

Disassembly

Reverse order

Conduit Tubes

Permitted outer diameter deviations of the Conduit Tube

ØOD

Conduit
Tube

ØOD

Conduit
Tube

DN 25/NPS 1" outer diameter span:
Ø32.61 mm (1.284") to Ø33.80 mm (1.331")

DN 50/NPS 2" outer diameter span:
Ø59.53 mm (2.344") to Ø60.72 mm (2.391")

Note

■ An incorrectly adapted module shall be replaced (layers shall not be reused).
■ Temperature range -60 to +80 °C.
■ Cables shall go straight through the seal.
■ To be used with GM modules.
■ EMT 1" and EMT 2" variants for EMT pipes are available on request.