

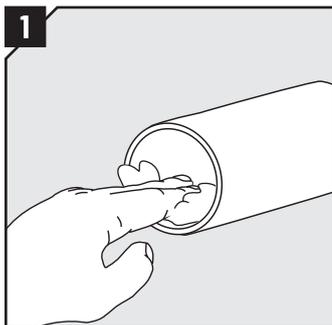
Installation instructions Roxtec RS PPS

Fig 1: Water tightness or fire rated resistance

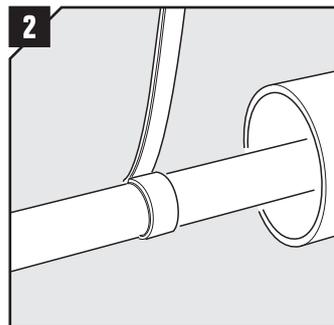
Fig 2: Sustained water tightness after fire exposure



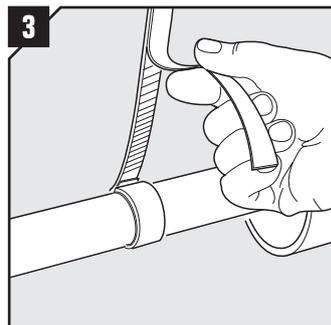
Roxtec Plastic Pipe Seal installation



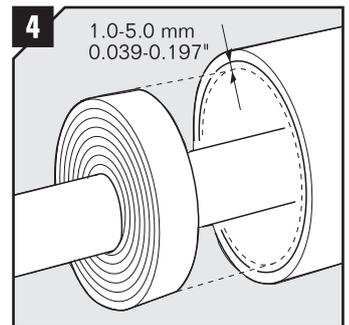
1 Remove any dirt inside the sleeve and pull the pipe through.



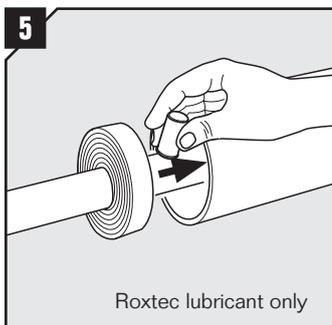
2 Wrap the intumescent strip once around the pipe without removing the protective tape. This will make it slide better into the sleeve later.



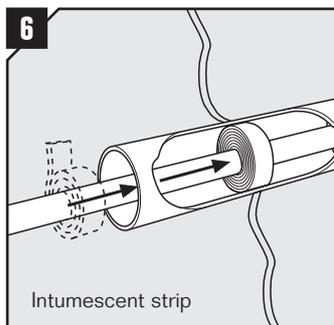
3 Break the protective tape from the strip and remove it.



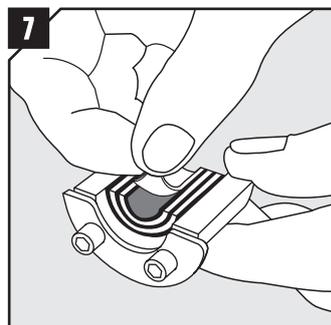
4 Continue to wrap the strip onto the pipe until there is 1.0-5.0 mm free space left between the strip and sleeve.



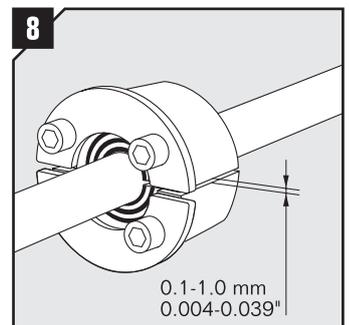
5 **Roxtec lubricant only**
Tip: Lubricate the pipe with Roxtec Lubricant to ease the sliding.



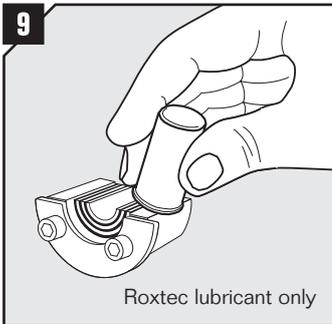
6 Move/slide the strip into the sleeve and as close to the center as possible. For sustained water tightness after fire exposure applications place one intumescent strip as close as possible to each RS seal according to fig. 2.



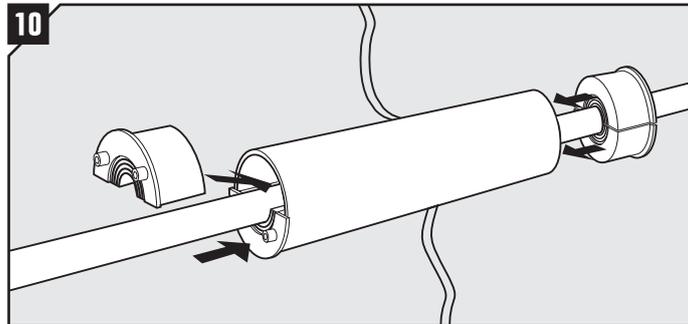
7 Adapt the seal to the pipe by peeling off layers from the halves until you reach the gap seen in pic.8. The halves may not differ by more than one layer.



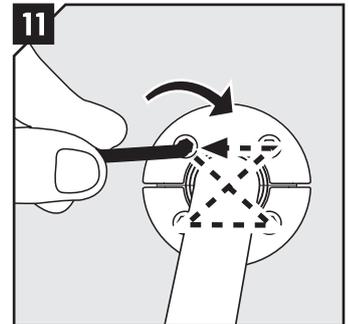
8 Achieve a 0.1-1.0 mm gap between the two halves when held against the pipe.



Lubricate thoroughly on the inside surfaces and sparsely on the outside of the seal.



Insert the halves one by one into the sleeve. Make sure the intumescent material stays in the center of the sleeve. For installations having sustained water tightness after fire exposure make sure that the intumescent strips are as close to the RS seals as possible according to fig. 2 at previous page.



Tighten the screws crosswise. The seal will compress and seal the transit. See table below for recommended torque. See fig. 3 and 4 for reference.

Disassembly

Reverse order

Fig. 3

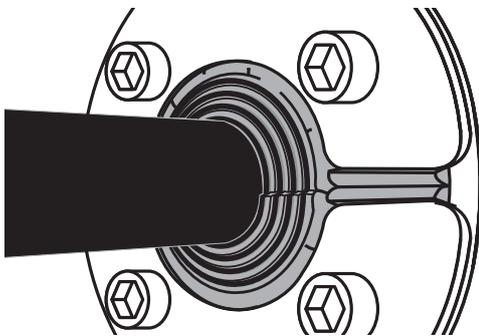
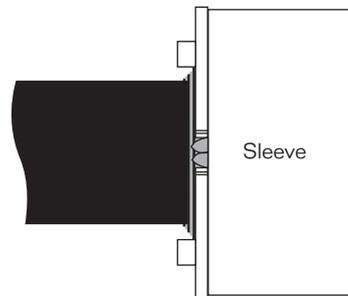


Fig. 4



The seal is compressed when rubber expands over the front fittings and the layers bulge outwards.

Tightening torque

Size: RS PPS	Approx. torque* (Nm)
31	1
43 - 100	4
125 - 200	7
225 - 400	17

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

Note

- Wait 24 hours or longer after installation before exposing the pipe to strain or pressure.
- Pipes shall go straight through the frame.
- Sustained water tightness after fire exposure applications requires a longer sleeve.

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