Roxtec
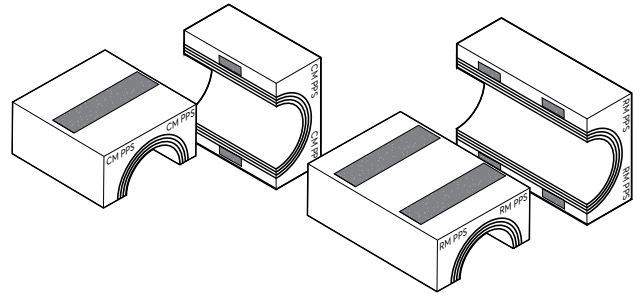
Installation instructions
Roxtec RM PPS
Roxtec CM PPS

General

Roxtec RM PPS and CM PPS sealing modules are installed in Roxtec frames in plastic conduit applications. Install the PPS modules around PMA plastic conduits by peeling layers according to the table. Complete the installation by packing the spare capacity with standard RM or CM modules.
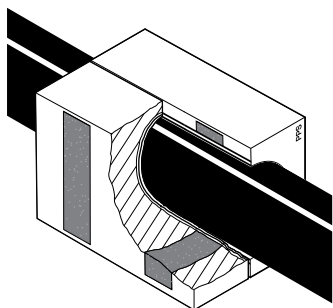
To be used in combination with

◉ Roxtec RM and CM modules with Multidiameter™ and solid modules
◉ Roxtec regular and compact frames
◉ Roxtec wedge or corresponding compression unit for compact systems
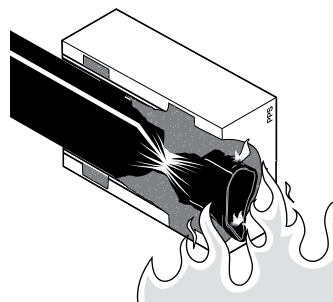◉ PMA cable protection conduits of type XPCS and PCS

Limitations

◉ Do not install cables or metal pipes in PPS modules
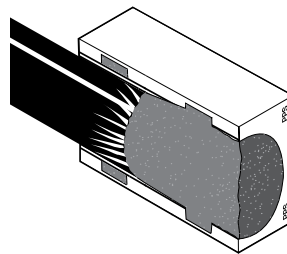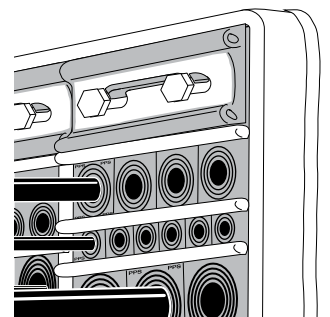◉ PPS modules cannot be used as spares

How it works

The PPS module provides ingress protection and has an integrated firestop material.

The fire stop material expands when exposed to heat and seals the conduit.

Fire and smoke are effectively prevented from spreading through the sealing module once the conduit has melted.

Spare locations are filled with regular modules with core or solid modules.

Module preparation

Adapt the Roxtec PPS modules to fit standard PMA conduits by peeling layers from each module half according to the table. Non PPS modules are installed according to the supplied installation instructions.
*Special conditions apply. Consult your Roxtec representative for guidance.
All measures in millimeters (mm).

	RM 20 PPS CM 20 PPS	RM 30 PPS CM 30 PPS	RM 40 PPS CM 40 PPS	RM 60 PPS CM 60 PPS*	RM 80 PPS
NW 07 (Ø10)	5	-	-	-	-
NW 10 (Ø12.8)	7	3	-	-	-
NW 12 (Ø15.6)	-	5	-	-	-
NW 17 (Ø21.1)	-	9	-	-	-
NW 23 (Ø28.4)	-	-	6	-	-
NW 29 (Ø34.5)	-	-	-	3	-
NW 36 (Ø42.4)	-	-	-	7	-
NW 48 (Ø54.5)	-	-	-	-	3

Technical rating

RM PPS modules: E60, E30, EI30, EI15.
CM PPS modules: E30, EI15.

The structure must be insulated according to EN 45545. Exposed fire side can affect the technical rating. Conduits must conform to EN 45545.

))) Roxtec

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