



Fire protection of plastic conduits

New Roxtec sealing modules for rolling stock.

We are happy to present the new and flexible Roxtec RM PPS sealing modules. They are especially developed to ensure fire protection for flexible plastic conduit penetrations in the rolling stock industry.

Roxtec RM PPS modules adapt to flexible plastic conduit systems of many sizes. They contain intumescent material which expands to many times its original size to protect conduit applications in case of fire.

Use the new RM PPS modules to ensure fire protection, watertightness, and dust-tightness as well as proven cable retention and vibration resistance. You can benefit from using the sealing modules in four different versions of Roxtec frames depending on the application and your specific needs and requirements. You can even fill the frames with a mix of RM PPS and regular RM modules to seal both cables and conduits.



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Benefits

- Fire rated
- Watertight and dust-tight
- Vibration tested
- Easy to maintain and inspect
- Provides built-in spare capacity

Combine plastic conduits and cables

You can mix RM PPS sealing modules with regular RM modules if you want to be able to route and safely seal both plastic conduits and cables in the same opening in the floor or wall.

Ratings for all complete transits

IP 66/67, E60 and HL3 ratings according to IEC 60529 and EN 45545.

Discover the sealing modules and the Roxtec frames that you can select to secure your penetrations



Roxtec RM PPS modules

Roxtec RM PPS sealing modules

Roxtec RM PPS modules for plastic conduits comply with the standard EN 45545-3. Included in Roxtec GH, S, SF or SK transits, the modules contribute to efficient protection against several hazards. In case of fire, the intumescent material reacts to the heat, expands and seals the void in the conduit and module, preventing flames from spreading. The modules allow you to pass PMA conduit systems through structures without cutting the conduit and adding fire adapters on each side of the transit.



GH frame

Roxtec GH frame – for bolting

Use RM PPS modules in the Roxtec GH frame when you need a fire rated transit for bolting onto even structures like steel or sandwich walls/floors. It allows for routing of conduits with high cable density.



SF frame

Roxtec SF frame – for simplified welding

Use RM PPS modules in the Roxtec SF frame with flange when you need a fire rated transit for simplified welding. It provides a closed and safe space in floor applications and allows for conduits with high cable density.



S frame

Roxtec S frame – for precise welding

Use RM PPS modules in the Roxtec S frame if you want a fire rated transit for welding into precise apertures. It provides a closed and safe space in floor applications and allows for conduits with high cable density.



SK frame

Roxtec SK frame – for extra depth

Use RM PPS modules in the Roxtec SK frame to get a welded fire rated transit to cover the full depth of the opening. It protects all high cable density conduits passing through the structure from wear and damage.

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