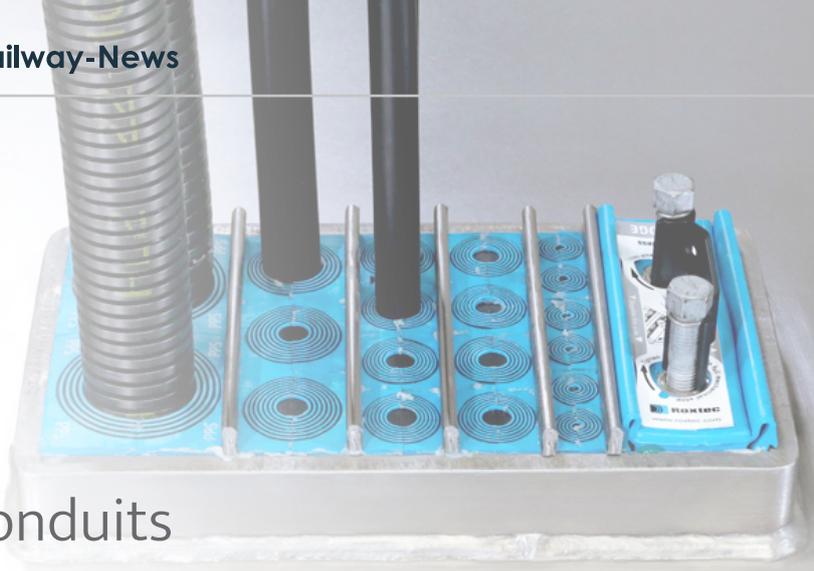


 Directory

< Rolling Stock



# Roxtec



## Fire Protection of Plastic Conduits

**R**oxtec presents 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 the case of fire.

The new modules ensure fire protection, watertightness and dust-tightness as well as proven cable retention and vibration resistance. You can use the sealing modules in four different versions of Roxtec frames depending on the application and your specific needs and requirements.

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.

### Combinations and Ratings

You can mix Roxtec RM PPS sealing modules with regular RM modules and safely seal both plastic conduits and cables in the same opening. The ratings for all complete transits meet IP 66/67, E60 and HL3 ratings according to IEC 60529 and EN 45545.

### Roxtec GH Frame – For Bolting

Use RM PPS modules in the Roxtec GH frame when you need a fire-rated transit for bolting on to even

structures like steel or sandwich walls/floors. It allows for routing of conduits with high cable density.

### 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.

### 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.

### 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.

Click [here](#) to learn more.

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