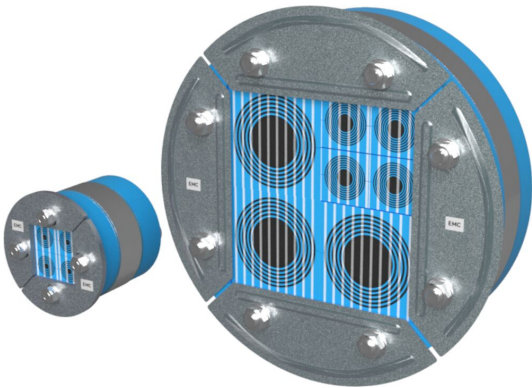




Roxtec R EMC transit

Round transit for EMC, for area efficient sealing of multiple cables and pipes.

The Roxtec R EMC is a cable and pipe transit ensuring electromagnetic compatibility. The transit frame is designed to be installed into conductive pipe sleeves. The compression is integrated in the frame and it seals by expansion. There is a choice between Roxtec ES modules for electromagnetic shielding or PE modules that protect against conducted disturbances. The modules adapt to cables and pipes of different sizes, and can be used to build in spare capacity in the transit. Roxtec EC (electrical continuity) test sticks are available to help indicate the electrical performance of the transit installation.



- Area efficient
- Easy to maintain and inspect

Product characteristics



Fire rated



Watertight



Gas-tight



EMI protection

Structure of installation



Metal

Mounting type



Existing sleeve

Ratings & certificates

Fire

- A-CLASS according to IMO 2010 FTP Code
- E/EI rating according to EN 13501
- F/T rating according to UL 1479
- H-CLASS according to IMO 2010 FTP Code + HC fire load curve

Tightness

- Gas: 2.5 bar (catastrophic)
- Water: 4 bar (catastrophic)

Supports

- Electromagnetic shielding
- Potential equalization

Frame dimensions

in/lbs

The frame variants below are a limited selection. For the full range of frames and configurations, please visit [roxtec.com](https://www.roxtec.com).

Product	Packing space	Aperture dimensions Ø	Weight	Art. no
R 75 EMC AISI316	1.575 x 1.575	2.953 - 3.031	1.1	ER00A00751121
R 100 EMC AISI316	2.362 x 2.362	3.937 - 4.016	1.8	ER00A01001121
R 125 EMC AISI316	3.15 x 3.15	4.921 - 5	2.1	5ER0000004913
R 127 EMC AISI316	3.15 x 3.15	5 - 5.079	2.2	ER00A01271121
R 150 EMC AISI316	3.543 x 3.543	5.906 - 5.984	3.7	ER00A01501121
R 70 EMC AISI316	1.575 x 1.575	2.756 - 2.835	1	ER00A00701121
R 200 EMC AISI316	4.724 x 4.724	7.874 - 7.953	5.9	ER00A02001121

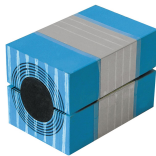


Sealing components

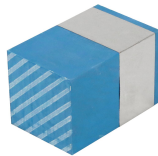
Sealing components



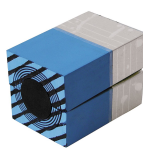
Lubricant



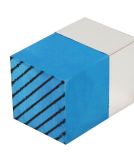
RM ES module with
Multidiameter™



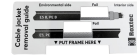
RM ES solid compensation
module



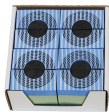
RM PE module with
Multidiameter™



RM PE solid compensation
module



Accessories ES and BG



R ES sealing kit

For detailed information, please visit [roxtec.com](https://www.roxtec.com).

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