Roxtec R EMC transit with SLF R

Round EMC transit for bolting when sealing multiple cables and pipes in a limited area.

The Roxtec R EMC with SLF R sleeve is a cable and pipe transit ensuring electromagnetic compatibility. The transit frame is designed to be installed into SLF R sleeves. The compression is integrated in the frame so it seals by expansion. There is a choice between Roxtec ES modules for electromagnetic shielding and 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. The sleeve is bolted to the structure in combination with conductive and ingress protective gaskets. 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 |

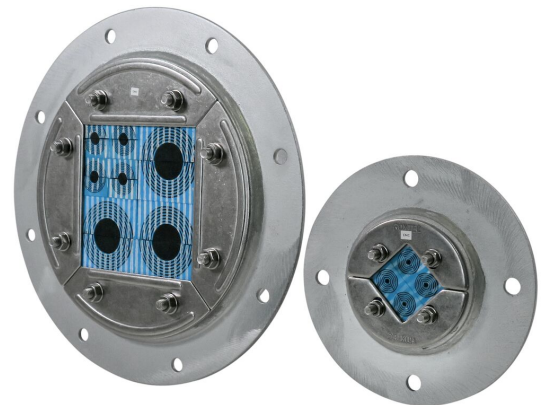## Structure of installation

Metal

Mounting type

Bolting

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.

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

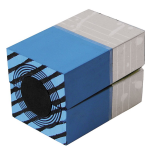RM ES module with Multidiameter™
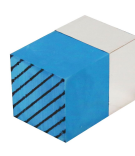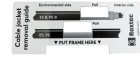

Lubricant

RM ES solid compensation module

RM PE module with Multidiameter™

RM PE solid compensation module

R ES sealing kit

SLF R sleeve

Accessories

Accessories ES and BG

For detailed information, please visit roxtec.com.