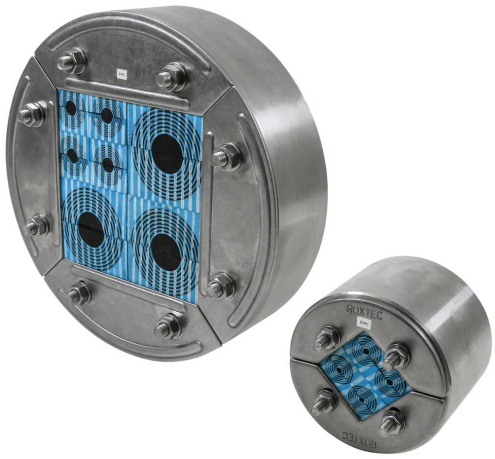
Roxtec

Read more about the solution on roxtec.com
https://www.roxtec.com/linktransit/en-sg/solution/18561

Roxtec R EMC transit with SL R

Round EMC transit for welding when sealing multiple cable and pipes in a limited area.

The Roxtec R EMC with SL R sleeve is a cable and pipe transit ensuring electromagnetic compatibility. The transit frame is designed to be installed into SL R sleeves. The compression is integrated in the frame and 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 SL R sleeve is welded to the structure. 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

Welding

Ratings & certificates

Fire

- A-CLASS according to IMO 2010 FTP Code
- 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 ∅	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

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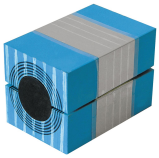
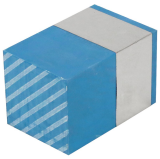
Sealing components

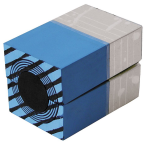
Sealing components



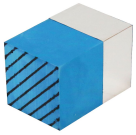
RM ES module with Multidiameter™



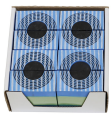
RM ES solid compensation module



RM PE module with Multidiameter™



RM PE solid compensation module



R ES sealing kit

Accessories

Accessories ES and BG

Lubricant

SL R sleeve

For detailed information, please visit roxtec.com.

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