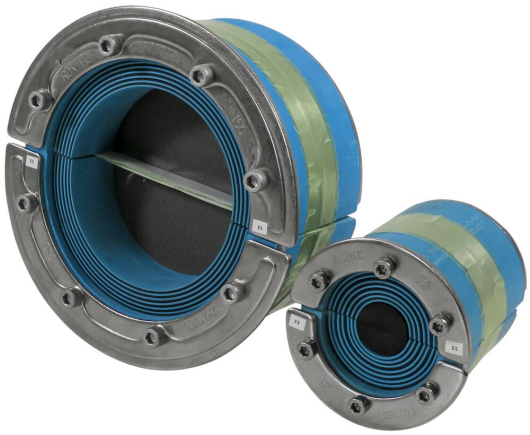
Roxtec

Read more about the solution on roxtec.com
https://www.roxtec.com/linktransit/en-gb/solution/18575

Roxtec RS EMC seal

Penetration seal for EMC, for a single cable or pipe.

The Roxtec RS EMC is a seal for electromagnetic compatibility designed for single cables or pipes in metal sleeves. The entry seal has two halves with removable layers making it adaptable to cables and pipes of different sizes. There is a choice between the ES version for electromagnetic shielding and the PE version that protects against conducted disturbances. The design of the seal makes it easy to install around existing cables or pipes. Roxtec EC (electrical continuity) test sticks are available to help indicate the electrical performance of the transit installation.



- Rodent resistant
- Quick and easy to install

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
- Jet fire according to ISO 22899-1 and OTI 95634

Tightness

- Gas: 2.67 bar (catastrophic)
- Water: 4 bar (catastrophic)

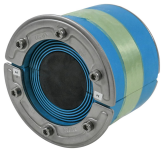
Supports

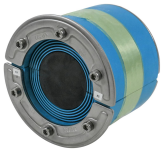
- Electromagnetic shielding
- Potential equalization

Sealing components

Sealing components

Lubricant


RS PE seal


RS ES seal

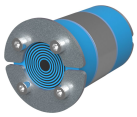
Accessories

Accessories ES and BG

For detailed information, please visit roxtec.com.

Pre-configured transit kits

in/lbs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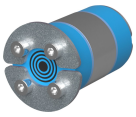
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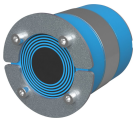
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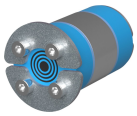
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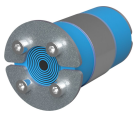
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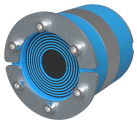
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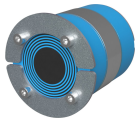
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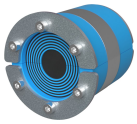
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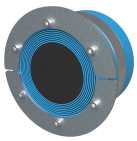
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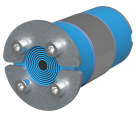
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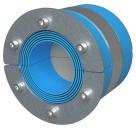
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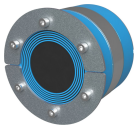
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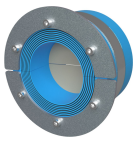
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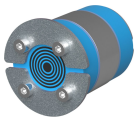
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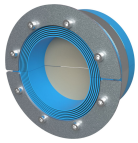
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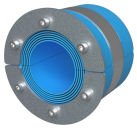
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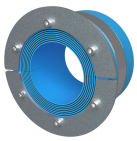
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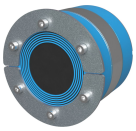
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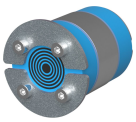
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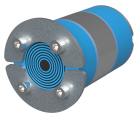
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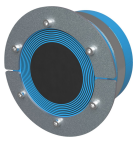
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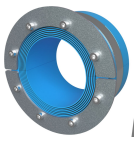
RS 150 PE AISI316 WOC

Product	Configuration	Aperture dimensions Ø	Weight	Art. no
RS 50 PE AISI316	1x (0.315-1.181)	1.969 - 2.047	0.71	PRS0100501121
RS 25 ES AISI316	1x (0.142-0.472)	0.984 - 1.024	0.09	ERS0100251121
RS 68 PE AISI316	1x (1.024-1.890)	2.677 - 2.756	1.1	PRS0100681121
RS 25 PE AISI316	1x (0.142-0.472)	0.984 - 1.024	0.09	PRS0100251121
RS 43 ES AISI316	1x (0.157-0.906)	1.693 - 1.772	0.53	ERS0100431121
RS 75 PE AISI316	1x (0.945-2.126)	2.953 - 3.031	1.3	PRS0100751121
RS 68 ES AISI316	1x (1.024-1.890)	2.677 - 2.756	1.1	ERS0100681121
RS 75 ES AISI316	1x (0.945-2.126)	2.953 - 3.031	1.3	ERS0100751121
RS 125 PE AISI316	1x (2.598-3.858)	4.921 - 5	3.5	PRS0101251121
RS 43 PE AISI316	1x (0.157-0.906)	1.693 - 1.772	0.53	PRS0100431121
RS 100 ES AISI316 WOC	1x (1.890-2.756)	3.937 - 4.016	1.9	ERS0001001121
RS 100 ES AISI316	1x (1.890-2.756)	3.937 - 4.016	2.2	ERS0101001121
RS 125 ES AISI316 WOC	1x (2.598-3.858)	4.921 - 5	2.7	ERS0001251121
RS 31 ES AISI316	1x (0.157-0.669)	1.22 - 1.26	0.24	ERS0100311121
RS 150 ES AISI316 WOC	1x (3.661-4.685)	5.906 - 5.984	3.5	ERS0001501121
RS 100 PE AISI316 WOC	1x (1.890-2.756)	3.937 - 4.016	1.9	PRS0001001121
RS 125 PE AISI316 WOC	1x (2.598-3.858)	4.921 - 5	2.7	PRS0001251121
RS 100 PE AISI316	1x (1.890-2.756)	3.937 - 4.016	2.2	PRS0101001121
RS 31 PE AISI316	1x (0.157-0.669)	1.22 - 1.26	0.13	PRS0100311121
RS 50 ES AISI316	1x (0.315-1.181)	1.969 - 2.047	0.71	ERS0100501121
RS 125 ES AISI316	1x (2.598-3.858)	4.921 - 5	3.5	ERS0101251121
RS 150 PE AISI316 WOC	1x (3.661-4.685)	5.906 - 5.984	3.5	PRS0001501121

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