



7500 - L-shape gaskets



L-shaped gasket 7500 series

L-shaped EMI/RFI-shielding gasket with water seal (IP seal) for thin doors and lids L-shaped gasket 7500 series

Holland Shielding Systems B.V. has developed this L-shaped gasket as an efficient combined seal for doors and lids. The L-shaped gasket is used to achieve two goals at the same time: a water seal and an EMI seal.

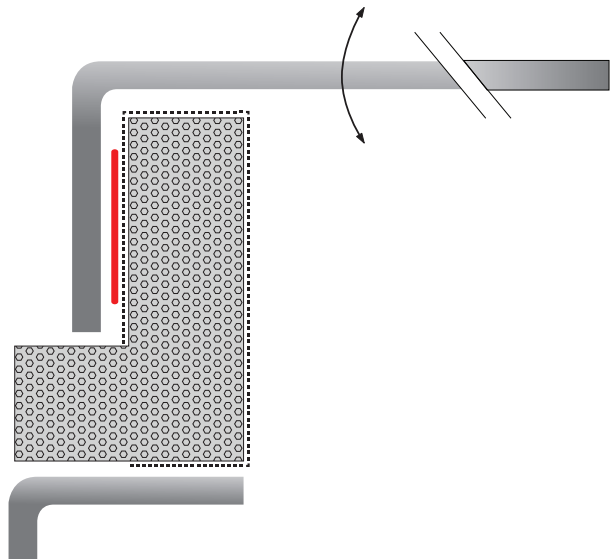
This L-shaped gasket is made from a solid piece of neoprene foam. One side has been laminated with conductive textile (the conductive side) and the other side is uncovered neoprene which provides a water seal.

The flange of the door will compress the water-seal side of the gasket with very little force to assure a watertight seal.

The electrically conductive part on the other side of the gasket establishes an electrical connection between the door and the leaf of the door.

Advantages

- Bends easily around sharp corners without interrupting the water seal
- Excellent water sealing up to IP65 (depending on construction)
- Easily mounted with a self-adhesive strip
- Easy to use for small doors and lids
- Low closure force to prevent bending of doors and lids
- Roll lengths of 1 to 1000 meters, depending on width and height of the gasket
- Tools required: a pair of scissors



Technical drawing L-shape

Shielding performance

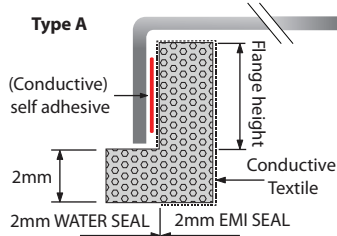
Frequency Hz	Mode	Screening in dB
1 Mhz	E	121 dB
10 Mhz	E	110 dB
100 Mhz	E	103 dB
400 Mhz	E	98 dB
1 Ghz	P	93 dB
10 Ghz	P	90 dB

Options (on request)

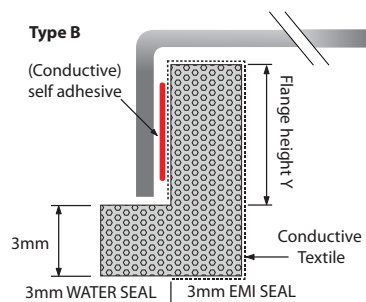
- Custom made in the dimensions you need
- Available in flame-retardant version
- Available with conductive self-adhesive
- Available with chemical-resistant rubbers like EPDM
- Silicone sponge for high temperatures up to 220 °C
- Various conductive foils and fabrics
- Cut into accurate lengths
- In the shape of a ready-made frame

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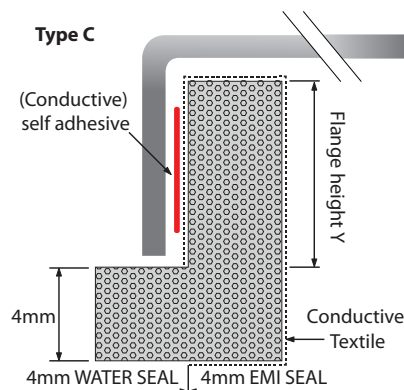
Standard dimensions



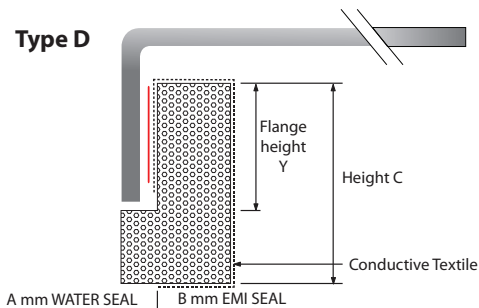
Type A: 2 mm waterseal and 2 mm conductive layer on the bottom; flange height can be specified



Type B: 3 mm waterseal and 3 mm conductive layer on the bottom; flange height can be specified



Type C: 4 mm waterseal and 4 mm conductive layer on the bottom; flange height can be specified



Dimensions

Flange height Y (mm)	Type A (Small)	Type B (Medium)	Type C (Large)
3	7503-S		
4	7504-S	7504-M	
6	7506-S	7506-M	
8	7508-S	7508-M	7508-L
10	7510-S	7510-M	7510-L
12	7512-S	7512-M	7512-L
14	7514-S	7514-M	7514-L
16	7516-S		7516-L
18	7518-S		7518-L
20	7520-S		7520-L

* If a different size is required, please feel free to send your drawings by email to info@hollandshielding.com

How to order

When you want to order the 7500 - L-shape gaskets please specify the following.

Part number	Type	Flange height (mm)	Cover
7500	A	5	T
Type a part numbers from the dimensions table above	A : Small (2 mm) B : Medium (3 mm) C : Large (4 mm) D : Other on request	Specify the flange height in mm.	T : Conductive textile A : Amucor foil