

8700 V-Shape gasket

The V-shape gaskets 8700 series are characterised by a very large compression range and low closure force. They come with a self-adhesive strip for easy mounting. The most common version is with conductive nickel over copper textile (**Material code T**).

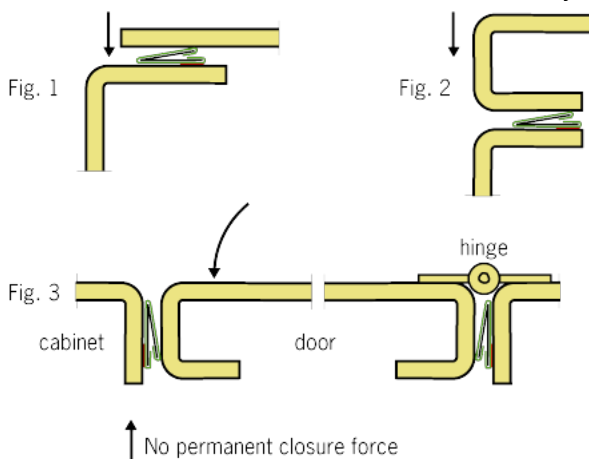
The version with highly conductive Amucor foil (**Material code A**) is designed especially to be combined with aluminium and zinc-plated steel. To prevent loss of material and for easy shipping we cut the material to exact lengths. The longest length available is 2.5 meters.

V-shape gaskets are also available with a resilient foam rubber insert (i) for more compression just at the moment of closing. Please see the technical drawing below for more details.

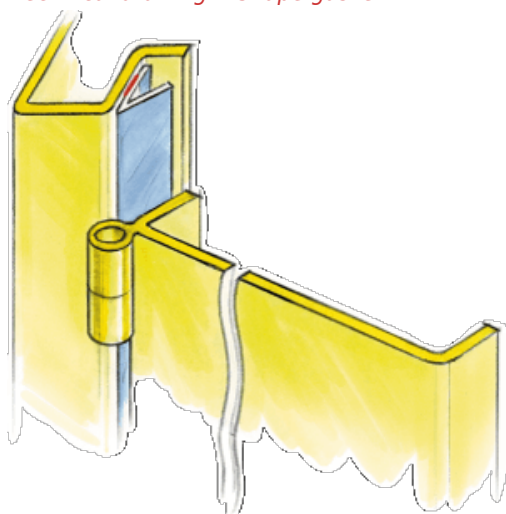
The V-shape gasket 8700 series is flame retardant and can be supplied in a UL94V-0 compliant version. If applied as shown in Fig. 3, excellent shielding can be achieved without any permanent closure force. This construction prevents bending of doors, so the enclosure can be less rigid. It is also suitable for hinges and locks.

Examples of applications

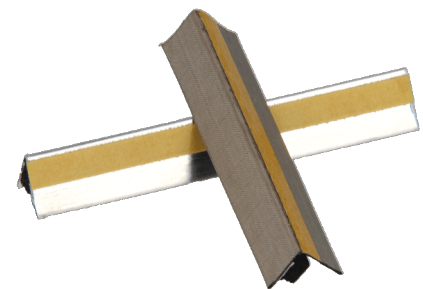
The V-shape gasket is intended for applications between lids, hinges and locks as well as between a door and the doorframe. Of course many other applications can be imagined.



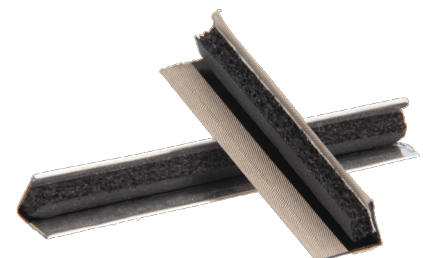
Technical drawing V-Shape gasket



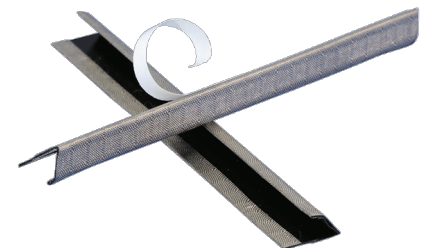
V-shape EMI-shielding gasket between door and doorframe



V-shape gasket with Amucor or conductive textiles as the conducting layer

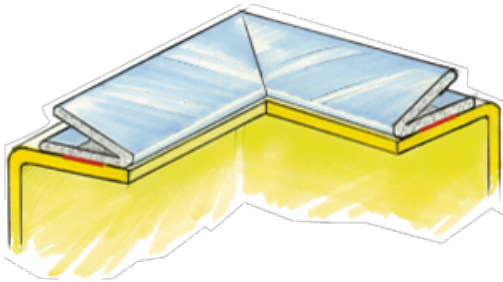


On the inside of the V-shape gasket there is a neoprene rubber strip. This ensures optimal contact between the conductive layer and the contact surface.



The V-shaped gasket comes with a conductive adhesive for easy installation

8700 V-Shape gasket



V-shape EMI gasket for the inside of a housing with lid construction



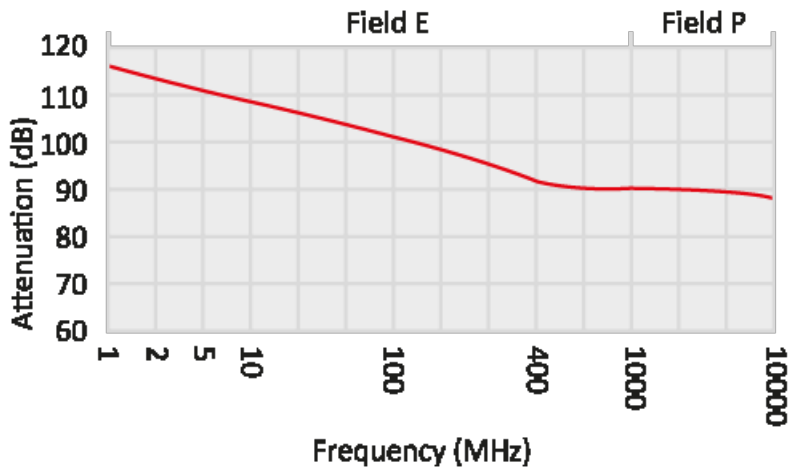
V-shape EMI gasket inside 19" racks

Shielding performance

Frequency Hz	Mode	Screening dB
1M	E	115
10M	E	108
100M	E	102
400M	E	92
1G	P	90
10G	P	87

*These values are measured under laboratory conditions.
In other situations results may differ; please read our Guarantee.*

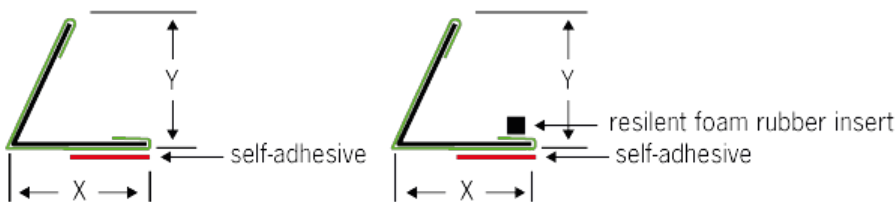
8700 V-Shape gasket



Shielding performance of V-shape gasket in dB

Standard dimensions

— = Conductive material (T: Conductive textile / A: Amucor foil)



Technical drawing V-shape gasket

V-shape gasket can be supplied with Amucor foil or Conductive textile as the conductive layer.

Part no.	8733	8744	8755	8766	8777	8788	87107	871212	871818	872020
Width X (mm)	3	4	5	6	7	8	10	12	18	20
Range Y (mm)	0.3-1.5	0.3-2	0.3-2.5	0.6-3	0.6-4	0.6-4	0.6-5	0.6-6	1-9	1-10

(Items in **bold** type are stock items)

Benefits

- Easy to fit with self-adhesive
- Allows for large tolerances
- High EMI/RFI shielding performance
- Very high deflection
- Very low closure force
- Lengths of 5 mm up to 2500 mm
- Only scissors required for installation

Options (on request)

- Cut into accurate lengths
- Different conductive foils and fabrics

Part number	Material	Insert	Length (mm)
Type a part numbers from the dimensions table above	Select an option: T: Conductive textile A: Amucor foil	Select an option: I: With a resilient foam rubber N: No insert	Specify the length (mm) Max. length 2500 mm. Other on request. Keep small for economic transport