



8700 - V-shape gasket



V-shape EMI shielding gaskets 8700 series

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.

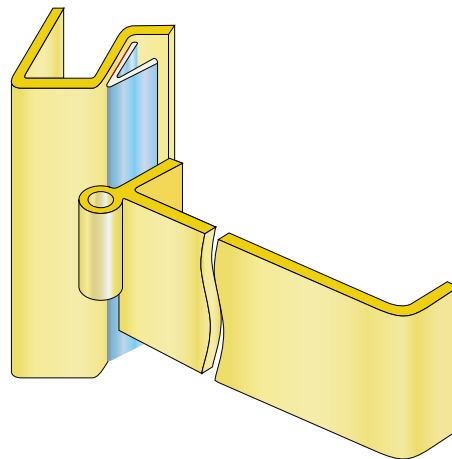
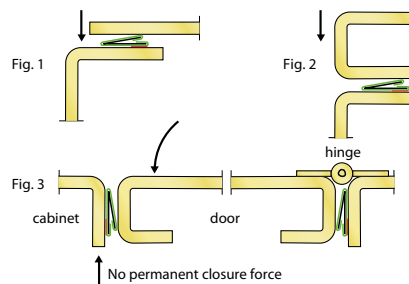
The V-shape gasket 8700 series is flame retardant and can be supplied in a UL94V-0 compliant version. If applied as shown in Fig. 3, excellent shielding can be achieved without any permanent closure force. This construction prevents bending of doors, so the enclosure can be less rigid. It is also suitable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

Benefits

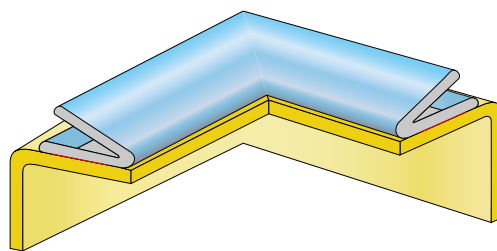
- Easy to fit with self-adhesive
- Allows for large tolerances
- High EMI/RFI shielding performance
- Very high deflection
- Very low closure force
- Lengths of 5 mm up to 2500 mm
- Only scissors required for installation

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.



V-shape EMI-shielding gasket between door and doorframe &



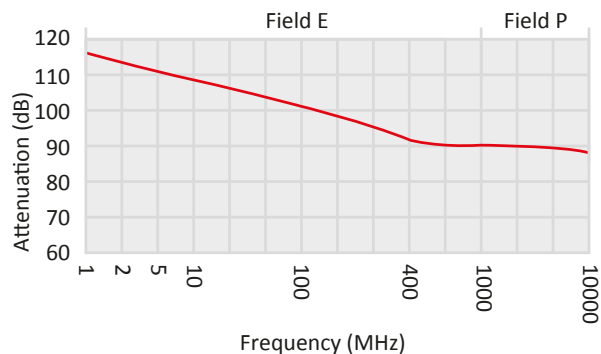
V-shape EMI gasket for the inside of a housing with lid construction

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Shielding performance

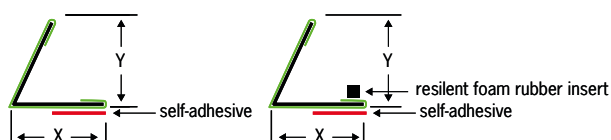
Frequency Hz	Mode	Screening dB
1M	E	115
10M	E	108
100M	E	102
400M	E	92
1G	P	90
10G	P	87

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



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.

Options (on request)

- Cut into accurate lengths
- Different conductive foils and fabrics

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

How to order

When you want to order the 8700 - V-shape gasket please specify the following.

Part number	Material	Insert	Length (mm)
8733	67	3600	67
Type a part numbers from the dimensions table above	T : Conductive textile A : Amucor foil	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