

8100 - Frame gasket for EMI shielding

Frame gasket 8100

The 8100 series Frame gaskets are ready-made gaskets according to customer specifications. They have reinforced corner pieces to guarantee optimum shielding performance and easy mounting characteristics.

The base material is Amucor-shield 6800 series, Standard shield 7000 series or Ultra soft shield 7400 series.

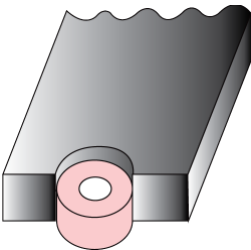
The gasket can be produced with or without self-adhesive. When the gasket has little contact surface we recommend providing the gasket with an electrically conductive self-adhesive.

Benefits

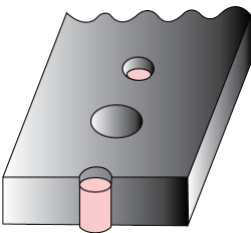
- Easy mounting
- High shielding performance
- No tools required
- Dimensions up to 2 x 2 m
- Can be supplied with self-adhesive

Compression stops

Disc or washer-type compression stops can be included to prevent overcompression.



Washer type used at bolt holes



Disk type used beside bolt holes

Shielding performance

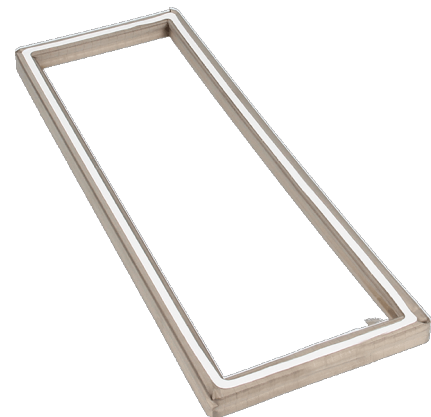
The product's shielding performance depends on the chosen outer material (i.e. the conductive material). The 8100 series Frame gasket can be made with Amucor (aluminum alloy) or conductive textile (very effective in combination with stainless steel, copper and chrome-plated constructions).

Frequency Hz	Mode	Amucor shield dB	Conductive fabric shielding dB
1M	E	121	115
10M	E	110	108
100M	E	103	102
400M	E	98	92
1G	P	92	90
10G	P	89	87

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



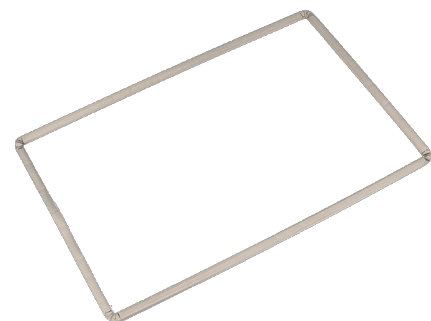
8100 series Frame gasket example. Version with conductive textile and low closure force polyurethane foam.



8100 series Frame gasket; conductive textile version with self-adhesive on the back



8100 series Frame gasket; Amucor version with neoprene core. Holes according to customer's drawing and conductive self-adhesive



8100 series Frame gasket; example of larger dimensions (1.0 x 0.6 m).

Produkt anfragen

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Series	Core material	Adhesive
Select an option:	Select an option:	Select an option:
8100 : Frame gasket Amucor version	N : Neoprene	01 : Standard self-adhesive
8101 : Frame gasket Conductive textile version	P : Low closure force PVC foam	02 : Without self-adhesive
	E : EPDM	03 : With conductive self-adhesive
	F : Flame retardant UL94V-0 foam	
	S : Silicone foam	
	L : Polyurethane foam (ultra soft)	