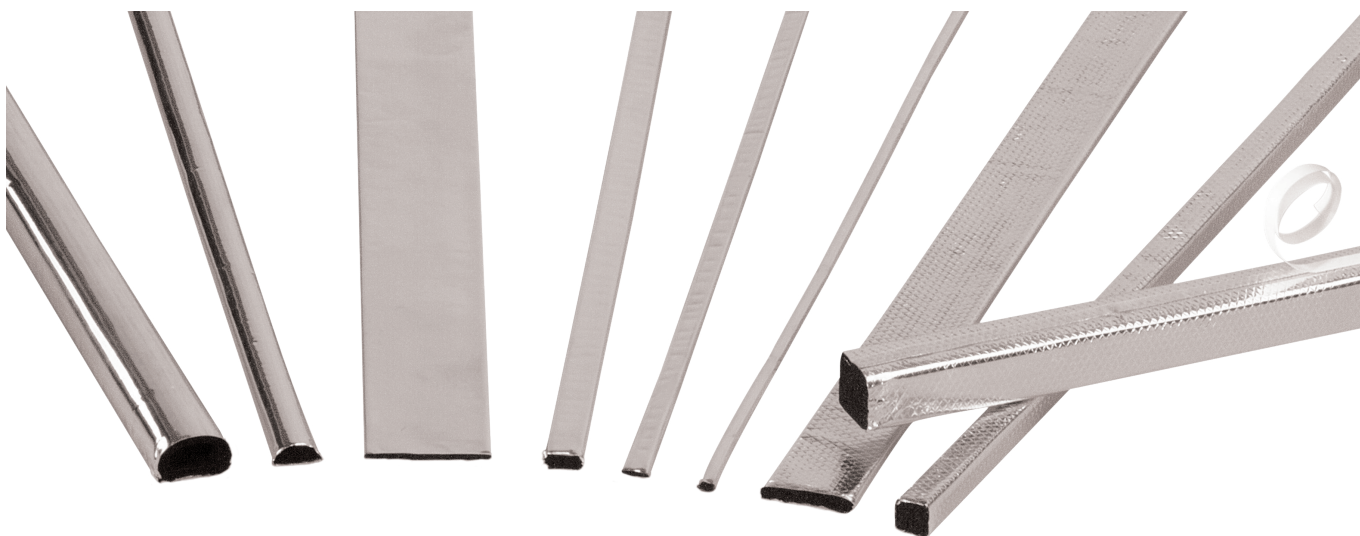


AMUCOR SHIELD 6800

Amucor EMI shield is intended for panels and screwed applications



Amucor Shield 6800 is an affordable HF gasket which can be supplied in a wide range of dimensions. The gasket is very effective in combination with zinc-plated steel and aluminium constructions.

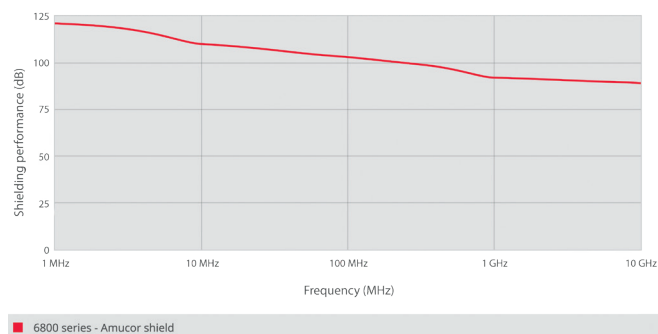
All EMI gaskets can be provided with a conductive or non-conductive self-adhesive strip.

The Amucor Shield 6800 series consists of a neoprene or PVC foam core covered with reinforced foil based on an Amucor alloy. This construction guarantees excellent shielding performance and is remarkably strong.

Special applications, different foam cores, conductive foils and fabrics are also available.

SHIELDING PERFORMANCE*

Shielding effectiveness depends on surface, shape of gaskets and materials used.



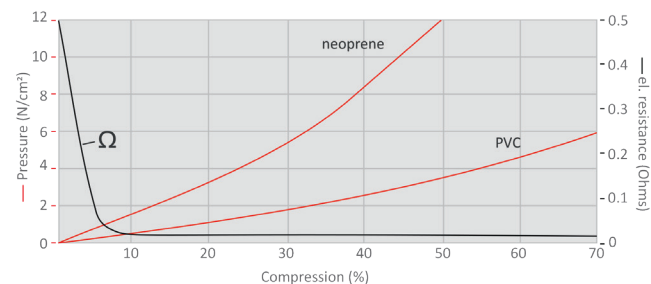
BENEFITS

- Self-adhesive EMC gasket
- Easy to fit, can be cut with scissors
- Good water resistance
- Gasket can be die-cut (screw holes)
- Roll lengths of 1 to 1000 meters (depending on the EMI gasket's width and height)
- High shielding performance
- Low closure force
- EXTREMELY STRONG
- Deflection 50%

OPTIONS

- Cut into accurate lengths
- Can be made die-cut or as a frame
- Combination with water seal
- UL94V-0 flame-retardant foam core
- Chemical resistant rubbers like EPDM
- Silicone sponge for high temperatures up to 220 °C
- Various conductive foils and fabrics
- With cutouts, so the gasket can be bent easily

MECHANICAL PROPERTIES



» AMUCOR SHIELD 6800

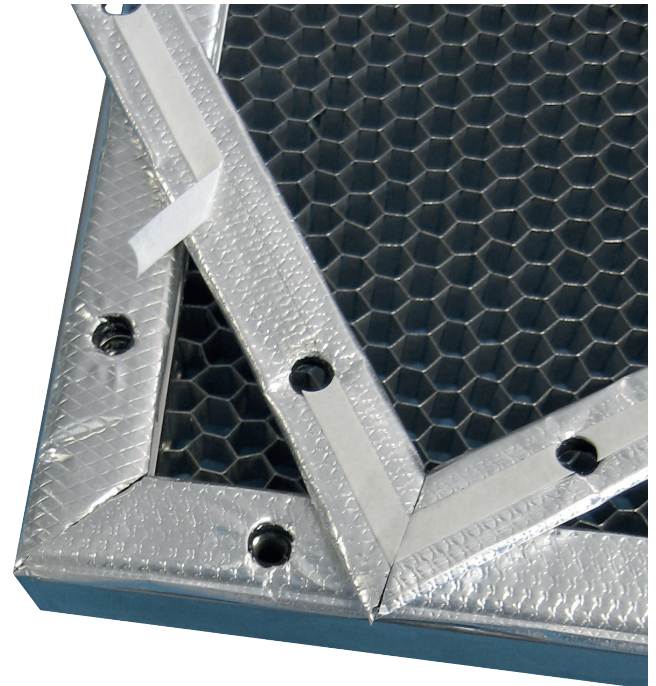
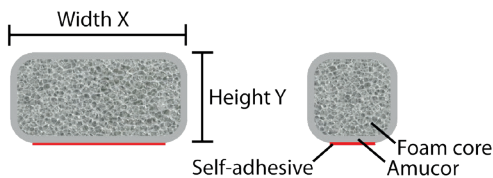
TAPE SPECIFICATION

- **01** Standard self-adhesive placed in the middle
- **02** Without self-adhesive
- **03** With conductive self-adhesive (only recommended on small sizes)
- **06** Standard self-adhesive, asymmetrical
- **07** Standard self-adhesive placed on the side

FOAM SPECIFICATION

- **N** Standard Neoprene Foam
- **E** EPDM foam core
- **P** Low closure force PVC Foam, slow recovery
- **F** Flame retardant Foam (UL94V-0)
- **S** Silicone foam

STANDARD GASKET DIMENSIONS



Height Y (mm)	Width X (mm)														
	2	3	4	5	6	7	8	10	12	15	18	20	25	32	50
1	2-1	3-1	4-1	5-1	6-1	7-1	8-1	10-1	12-1	15-1	18-1	20-1	25-1	32-1	50-1
2	2-2	3-2	4-2	5-2	6-2	7-2	8-2	10-2	12-2	15-2	18-2	20-2	25-2	32-2	50-2
3		3-3	4-3	5-3	6-3	7-3	8-3	10-3	12-3	15-3	18-3	20-3	25-3	32-3	50-3
4			4-4	5-4	6-4	7-4	8-4	10-4	12-4	15-4	18-4	20-4	25-4	32-4	50-4
5				5-5	6-5	7-5	8-5	10-5	12-5	15-5	18-5	20-5	25-5	32-5	50-5
6					6-6	7-6	8-6	10-6	12-6	15-6	18-6	20-6	25-6	32-6	50-6
8						7-8	8-8	10-8	12-8	15-8	18-8	20-8	25-8	32-8	50-8
10								10-10	12-10	15-10	18-10	20-10	25-10	32-10	50-10
12									12-12	15-12	18-12	20-12	25-12	32-12	50-12

ORDER EXAMPLE

Series	Width (mm)	Height (mm)	Tape code	Foam code	Length (m)
6800			<ul style="list-style-type: none"> 01 : standard self-adhesive placed in the middle 02 : without self-adhesive 03 : with conductive self-adhesive (only recommended on small sizes) 06 : standard self-adhesive, asymmetrical 07 : standard self-adhesive placed on the side 	<ul style="list-style-type: none"> N : standard neoprene foam E : EPDM foam core P : PVC foam, slow recovery F : flame retardant UL94V-0 foam S : Silicone foam 	

*Notice

Information supplied in these data sheets is based on independent and laboratory tests which Holland Shielding Systems BV, hereafter referred to as HSS believes to be reliable. HSS has no control over the design of customer's product which incorporates products, therefore it is the responsibility of the user to determine the suitability for his particular application and we recommend that the user make his own test to determine suitability.

The product described in this data sheet shall be of standard quality, however the products are sold without warranty of fitness for a particular purpose, either expressed or implied, except to the extent expressly stated on HSS invoice, quotation or order acknowledgment. HSS does not warrant that products described in this data sheet will be free of conflict with existing or future patents of third parties. All risks of lack of fitness, patent infringement and the like are assumed by the user.