

Amucor Shield 6800

Screwed applications for zinc plated steel and aluminum

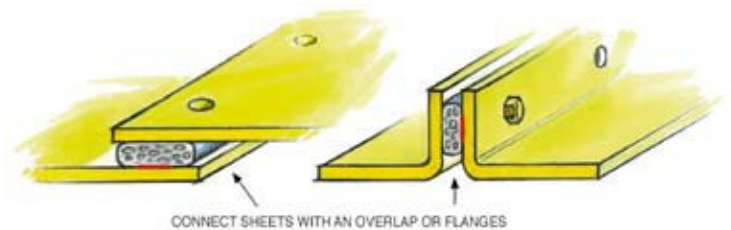


Amucor Shield 6800 is an economical HF gasket which can be supplied in a wide range of dimensions. It is very effective in combination with zinc-plated steel and aluminium constructions.

All gaskets can be provided with a (conductive) self-adhesive strip.

Amucor Shield 6800 consists of a neoprene or PVC foam core covered with reinforced foil, based on an Amucor alloy. This guarantees excellent shielding performance and very great strength.

For special applications, different foam cores, conductive foils and fabrics are available.

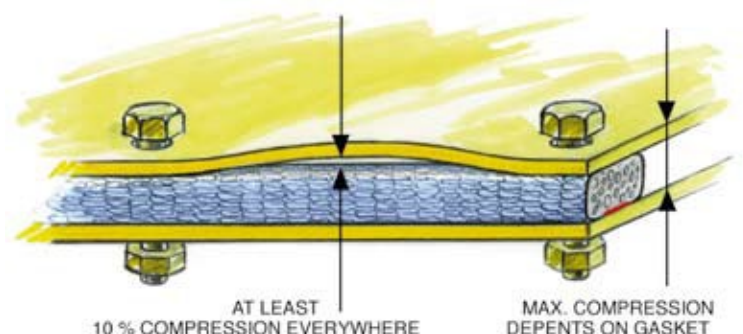


Options

- Cut into specific lengths
- Can be made die cut or 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
- Different conductive foils and fabrics

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 50, 100, 250 or 1000 m
- High shielding performance
- Low closure force
- EXTREMELY STRONG
- Deflection 50%

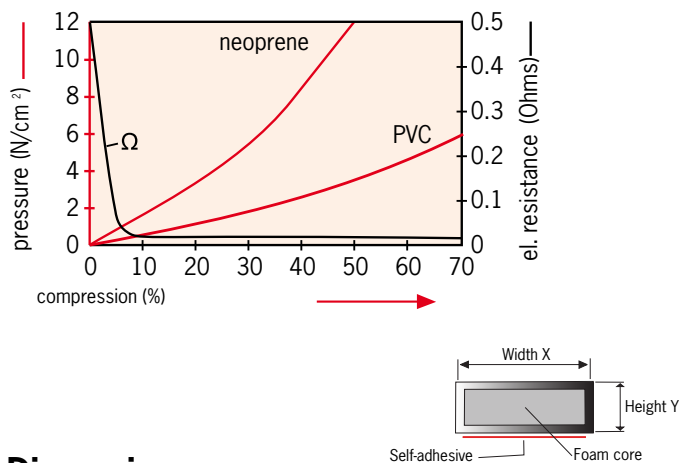


Amucor Shield 6800

For zinc plated steel and aluminum



Mechanical properties



Dimensions

Height Y (mm)	Width X (mm)															
	1	2	3	4	5	6	7	8	10	12	15	18	20	25	32	50
1		6821	6831	6841	6851	6861	6871	6881	68101	68121	68151	68181	68201	68251	68321	68501
2		6822	6832	6842	6852	6862	6872	6882	68102	68122	68152	68182	68202	68252	68322	68502
3			6833	6843	6853	6863	6873	6883	68103	68123	68153	68183	68203	68253	68323	68503
4				6844	6854	6864	6874	6884	68104	68124	68154	68184	68204	68254	68324	68504
5					6855	6865	6875	6885	68105	68125	68155	68185	68205	68255	68325	68505
6						6866	6876	6886	68106	68126	68156	68186	68206	68256	68326	68506
8							6878	6888	68108	68128	68158	68188	68208	68258	68328	68508
10									681010	681210	681510	681810	682010	682510	683210	685010
12										681212	681512	681812	682012	682512	683212	685012

Item numbers in **bold** are 98% stock items. Other dimensions on request.

Shielding performance

Frequency Hz	Mode	Screening dB
1M	E	121
10M	E	110
100M	E	103
400M	E	98
1G	P	92
10G	P	89

See Guarantee

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

Example

Amucor Shield 6800, 8 x 2 mm, standard self-adhesive placed in the middle, standard neoprene foam core: **6882-01-N**

Ordering information

Part number Tape code Foam code

6882 **01** **N**

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

N : standard neoprene foam
E : EPDM foam core
P : PVC foam, slow recovery
F : flame retardant UL94V-0 foam