

ULTRA SOFT TWIN SHIELD 7800

EMI/RFI shielding gasket with low closure force to prevent bending of doors, lids and panels combined with an environmental seal (dust/waterseal)

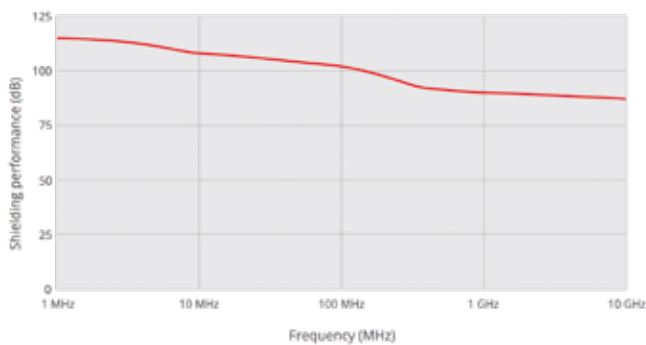


Ultra soft twin shield 7800 series is a range of HF gaskets similar to our Ultra soft shield 7400, which have been combined with an environmental seal (also known as water seal) made of closed-cell foam rubber. The product requires very low closure force. All gaskets are provided with a self-adhesive strip on the side of the water seal.

The standard material for the water seal is neoprene foam. Alternatively a slowly recovering PVC foam is available, which is fully watertight at 30% compression.

The ultra soft twin shield is easy to bend so that the water seal is not interrupted.

SHIELDING PERFORMANCE*



■ 7800 series - Ultra soft twin shield (Electric / Far Field)

BENEFITS

- Deflection up to 80%
- Very low closure force
- Very high electrical conductivity
- High shielding performance
- Roll lengths of 1 to 1000 meters, depending on width and height of the gasket
- Easy to fit, self-adhesive
- High abrasion resistance
- Tools required: a pair of scissors

OPTIONS

- Cut into accurate lengths
- 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



» ULTRA SOFT TWIN SHIELD 7800

STANDARD DIMENSIONS

Part number	Z (mm)	X (mm)	Y (mm)
7800-1-2-2	1	2	2
7800-2-2-2	2	2	2
7800-2-3-4	2	3	4
7800-3-5-4	3	5	4
7800-3-6-6	3	6	6
7800-3-9-8	3	9	6
7800-4-9-8	4	9	8
7800-4-12-8	4	12	8
7800-4-12-10	4	12	10
7800-5-14-10	5	14	10
7800-5-14-12	5	14	12
7800-5-16-14	5	16	12
7800-6-16-14	6	16	14
7800-6-18-16	6	18	14
7800-6-18-16	6	18	16
7800-10-20-16	10	20	16
7800-10-20-18	10	20	18
7800-10-22-18	10	22	18
7800-14-22-20	14	22	20
7800-14-24-20	14	24	20
7800-14-24-24	14	24	24
7800-18-26-24	18	26	24
7800-18-26-28	18	26	28
7800-18-28-28	18	28	28
7800-22-28-32	22	28	32
7800-22-30-32	22	30	32

Other dimensions on request



TAPE SPECIFICATION

- **01** standard self-adhesive, asymmetrical
- **02** without self-adhesive
- **03** conductive self-adhesive

FOAM SPECIFICATION

- **P** low closure force PVC foam
- **N** Standard Neoprene Foam
- **E** EPDM foam
- **F** flame-retardant UL94V-0 foam

ORDER EXAMPLE

Series	Width Z (mm)	Width X (mm)	Height Y (mm)	Adhesive	Foam specifications
7800	Specify width Z in mm. Other sizes on request	Specify width X in mm. Other sizes on request	Specify height Y in mm. Other sizes on request	01 : Standard self-adhesive, asymmetrical 02 : Without self-adhesive 03 : Conductive self-adhesive	P : Low closure force PVC foam N : Neoprene foam E : EPDM foam F : Flame retardant UL94V-0 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.