

# ULTRA SOFT TWIN SHIELD 7800

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

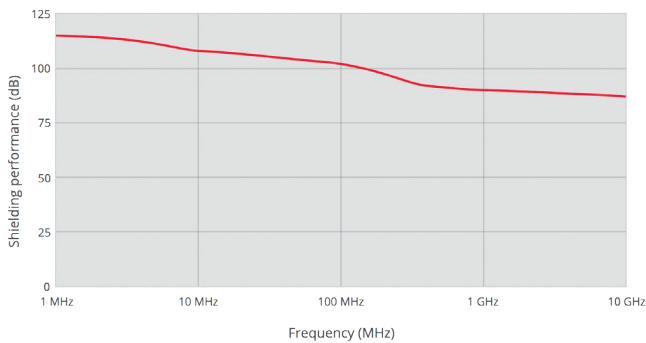


Ultra soft twin shield 7800 series is a range of HF gaskets similar to our Ultra soft shield 7400, which have been combined with an environmental seal (also known as water seal) made of closed-cell foam rubber. The product requires very low closure force. All gaskets are provided with a self-adhesive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

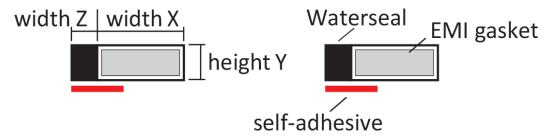


## » ULTRA SOFT TWIN SHIELD 7800

### 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
<b>7800</b>	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	<b>01</b> : Standard self-adhesive, asymmetrical <b>02</b> : Without self-adhesive <b>03</b> : Conductive self-adhesive	<b>P</b> : Low closure force PVC foam <b>N</b> : Neoprene foam <b>E</b> : EPDM foam <b>F</b> : 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.

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