

ULTRA SOFT SHIELD 7400

Ultra-soft EMI shielding gasket for doors, panels and lids.
Very low closure force to prevent deflection.



Ultra soft shield 7400 series is an HF-shielding gasket with high shielding performance and extremely low closure force. This prevents deflection of doors/parts, which improves shielding effectiveness. The product works very well in combination with stainless steel and other metals.

The core consists of high-grade polyurethane foam with a maximum compression of 80%, which distinguishes Ultra soft shield 7400 from other commonly used shielding materials.

Ultra soft shield 7400 is covered with a highly conductive, wear & tear resistant, metallized fabric.

Different foam cores and conductive foils/fabrics are available for special applications.

OPTIONS (ON REQUEST)

- Aspire cut into accurate lengths
- Ultra soft shield 7400 series combined with a water seal (see our Ultra soft twin shield 7800 series)
- With UL94V-0 flame-retardant foam core
- With chemical-resistant rubbers like EPDM
- With silicone-sponge core for high temperatures up to 220 °C
- Different conductive foils and fabrics
- Bites or shapes cut out for easy application or bends, possible according to customer drawing



BENEFITS

- Gasket can be compressed 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 EMI gasket
- Easy to fit with self-adhesive
- High abrasion resistance
- Can be cut with a pair of scissors
- Because the Ultra soft shield 7400 series is so soft, it is easy to bend it around corners

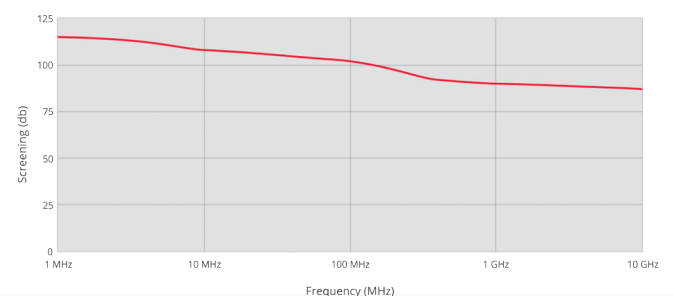
TAPE SPECIFICATION

- **01** Standard self-adhesive placed in the middle
- **02** Without self-adhesive
- **03** With conductive self-adhesive
- **06** Standard self-adhesive, asymmetrical

FOAM SPECIFICATION

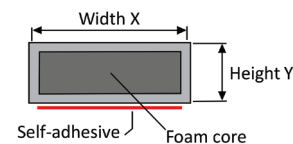
- **P** Standard polyurethane foam
- **F** Flame retardant UL94V-0 foam

SHIELDING PERFORMANCE*



■ 7400 series - Ultra soft shield

» ULTRA SOFT SHIELD 7400



STANDARD DIMENSIONS

Height Y (mm)	Width X (mm)											
	3	4	5	6	9	10	12	15	18	20	25	
3	3-3	4-3	5-3	6-3	9-3	10-3	12-3	15-3	18-3	20-3	25-3	
4		4-4	5-4	6-4	9-4	10-4	12-4	15-4	18-4	20-4	25-3	
6				6-6	9-6	10-6	12-6	15-6	18-6	20-6	25-6	
8					9-8	10-8	12-8	15-8	18-8	20-8	25-8	
9					9-9	10-9	12-9	15-9	18-9	20-9	25-9	
10						10-10	12-10	15-10	18-10	20-10	25-10	
12							12-12	15-12	18-12	20-12	25-12	
15								15-15	18-15	20-15	25-15	
18									18-18	20-18	25-18	
20										20-20	25-20	
25											25-25	

* Other dimensions on request

ULTRA SOFT HIGH DEFLECTION D-SHAPE GASKET (74D)

We have developed a combination gasket for an extremely high spring range. These gaskets are developed for applications where a high deflection and a high spring range is required. To give you an example. A 26mm high deflection gasket can be compressed up to 7mm without overly exerting excessive force. That is 70% compression at low force.



Part number	74D-763	74D-766	74D-769	74D-7612
Y x Xmm	15 x 12mm	18 x 12mm	21 x 12mm	24 x 12mm
Y x X inch	.590" x .472"	.708" x .472"	.826" x .472"	.944" x .472"

ORDER EXAMPLE

Series	Width (mm)	Height (mm)	Tape code	Foam code	Length (meters)
7400					
Specify the part number from the Standard dimensions table for example 7494	Specify the width of the gasket in mm	Specify the height of the gasket in mm	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	P : Standard polyurethane foam F : Flame retardant UL94V-0 foam	