

## 7200 - P-shape EMI shielding gaskets

7200 series P-shape EMI shielding gaskets consists of a P-shaped closed cell foam core which is covered with a conductive fabric with a copper-nickel metal coating (**material code T**) or highly conductive Amucor foil (**material code A**) .

P-shape EMI shielding gasket comes with a self-adhesive strip for easy mounting.

The version with highly conductive Amucor foil (**material code A**) is designed especially to be combined with aluminium and zinc-plated steel.

Our 7200 series P-shape EMI shielding gaskets continuous strip gaskets have excellent shielding effectiveness (SE), high durability, low compression set and low resistance.



*7200 series P-shape EMI shielding gasket*

### Applications

- Displays
- Metal housings
- Switching cabinets
- Depending on the application an IP54 protection class could be reached, that means by the use of the shielding gasket a protection against dust (index 5) and protection against splashed water (index 4) could be offered

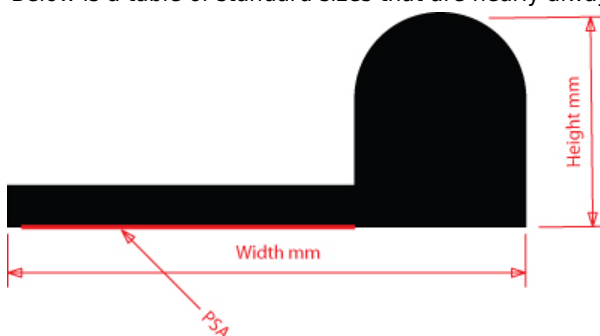
### Characteristics

Conductive fabrics with Ni/Cu-layer. A PU sponge core (elastomer) covered with electro conductive fabric

- Shielding Effectiveness: 85dB attenuation from 20 MHz to 10 GHz
- Electrical Resistance: 0.1 Ohms/Sq
- Compression Deflection: 1 lb/in
- Compression Set: 15-19 percent
  - 15 percent at 70 F. (21 C.)
  - 19 percent at 158 F. (70 C.)
- Service Temperature -40 F. (-40 C.) to 158 F. (70 C.)

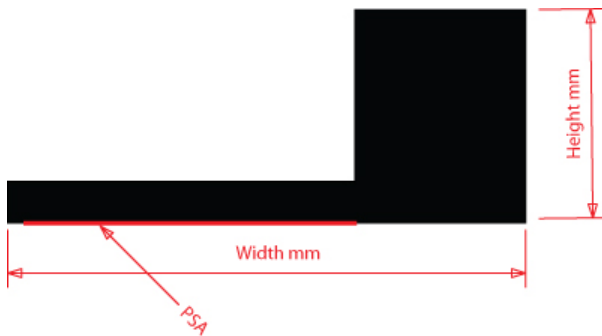
### Standard sizes

Below is a table of standard sizes that are nearly always in stock. Other sizes can all be produced on request.



*P-shape EMI shielding gasket round shaped technical drawing*

## 7200 - P-shape EMI shielding gaskets



*P-shape EMI shielding gasket square shaped technical drawing*

Part number	Height (mm)	Width (mm)
7238	3	8
7248	4	8
72410	4	10
72412	4	12
72610	6	10
72612	6	12
72614	6	14
72812	8	12
72814	8	14
72816	8	16
72xx	Custom	Custom

### Comments

- The 7200 series P-shape EMI shielding gaskets was developed to solve diverse EMI/RFI situations where a lightweight solution with excellent shielding properties and surface conductivity where required.
- Shielding of over 80 dB @ 100 MHz can be reached very easily by using these shielding gaskets.
- 7200 series P-shape EMI shielding gasket has the following composition:
  - PU sponge (thermoplastic rubber), enclosed in an electro conductive fabric weaved from nickel-copper-polyester.
- Flammability class: UL94-V0
- All standard profiles are self-adhesive and have a removable protective cover tape.
- We provide these products from stock. Non-conductive adhesive tape is used as standard.
- Customer-specific lengths and stamped out patterns can be carried out on request.

Part number	Tape code	Foam code	Shape
Select your part number from the part number table above. When you need a 4 x 8 mm profile, the required part number is 7248	<b>Select an option:</b> 01 : Standard self-adhesive placed in the middle 02 : Without self-adhesive 03 : With conductive self-adhesive (only recommended on small sizes) 06 : Stand self-adhesive asymmetrical	<b>Select an option:</b> N : Standard neoprene foam E : EPDM foam core P : Low closure force PVC foam, slow recovery F : Flame retardant UL94V-0 foam	<b>Select an option:</b> R : Round shaped S : Square shaped