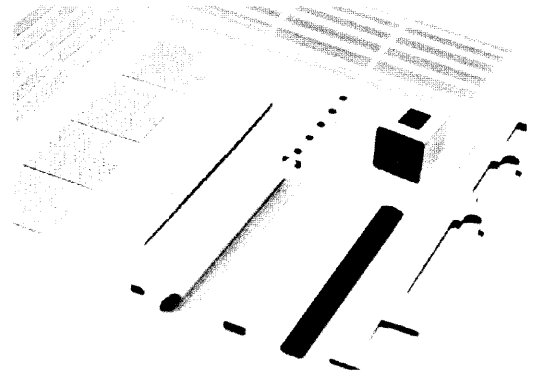


ELPACTO[®] EMI Shield Foam

Glossary

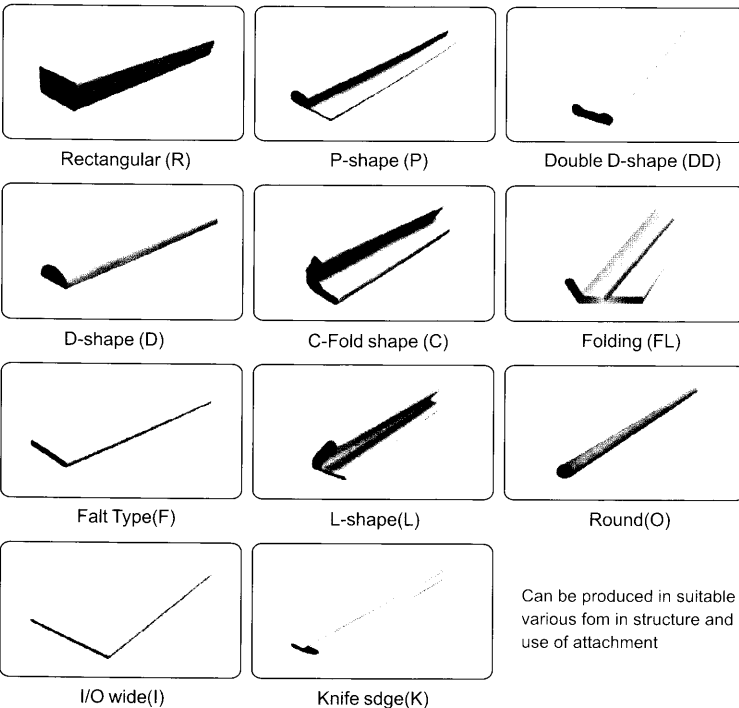
EMI shield foam gaskets consist of electrically conductive fabrics over highly compressed elastomer foam core. These have been designed to meet commercial EMI shielding applications where wide tolerance exists. It offers various kinds of different types and dimensions to meet all of customers shielding requirements.

From standard square and rectangular to P, D, DD, C, FL, F, L, I, K type and more, IT Technology has been designing and developing ideal shielding gaskets to meet customer various needs.



Content	Specification		Remarks
Raw Material	PU(polyurethane) Foam		
Density (kg/m ³)	32 ± 3	45 ± 3	
Tensile Strength (kgf/cm ²) [psi]	≥ 0.8 [11.4]	≥ 1.0 [14.2]	
Elongation (%)	≥ 150	≥ 100	
Tear Strength (N/m)	≥ 0.4	≥ 1.0	
Compression Set (%)	≤ 10	≤ 10	ASTM D395B

Type	Thickness(mm)	Contact Resistivity (Ω/□)	Service Temp. (°C)	Adhesive Strength (gf/25mm) [180 Peel-off, @ 300mm/min]
Conductive	0.11	0.05	≤ 105	≥ 800
Non-conductive	-	-	≤ 105	≥ 1500



PART NUMBER FORMULA

PN : ESG- F K - 7 - RN 4 - 1000 - 00
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Serial Description (EMI shield Foam)
- ② Type of Foam
 F : 45Kg black P.U foam, S : 32Kg black P.U foam
 M : 45Kg White P.U foam (UL 94V-0)
- ③ Type of Fabric
 R : Rip-stop, B : Non-woven
 K : Woven(taffeta)
 G : Woven (Cu + Ni + Au Plating) - Gold
 AL : AL Foil
- ④ Width (mm)
- ⑤ Type of Shield foam Shape
 None : Rectangular Type(Standard)
 P, D, DD, C, FL, F, L, I, K
- ⑥ Height (mm)
- ⑦ Length (mm)
- ⑧ Type of Pressure Sensitive Adhesive (PSA) Tape
 00 : Non-Conductive Tape
 15 : Conductive mesh tape

Cautions And Warnings

For Adhesive

Keep the attaching surface clean and dry to reach the best to adhesive.

The best operating temperature range is 15-35°C. It will be better if the temperature of attaching surface is higher than 10°C.

If it has been adhered correctly, generally the low temperature will not affect the constant adhesive effectiveness.