

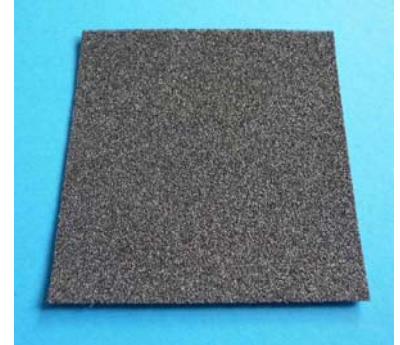
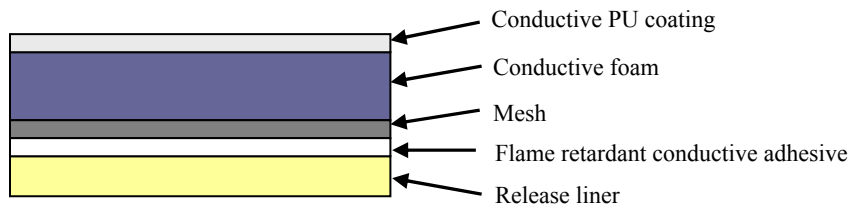


## Conductive Foam Gasket: CFG-020

### ■ Characteristic

This product is made of Polyurethane foam plated with Copper and Nickel. Total thickness is 2.0 mm. Since it is very soft, the usage compression is 25% (1.5 mm) to 75% (0.5 mm). One thickness, 2.0 mm, can serve wide range of gap. It will return to nominal height when released. It is coated with conductive Polyurethane to protect the foam from environment and to prevent burrs when cutting. The conductivity is excellent in all X, Y, Z directions. It is flame retardant and RoHS compliant.

### ■ Structure



### ■ Application

Mobile phone, note PC, LCD, semiconductor mfg. equipment, noise filter core, cable tray, transformer, magnetic wave shielding case & cover, DVC, DSC, shield room, IC card and credit card protective wallet/purse

### ■ Material

- PU Coating: Polymer resin (Polyurethane)
- Conductive Foam: Polyurethane foam (Copper and Nickel Plated)
- Mesh: Woven Polyester, Copper and Nickel plated
- PSA: Acrylic ester polyol copolymer + Nickel powder + Other Flame Retardants
- Release Liner: CP paper avg 150 $\mu$ m

### ■ Technical data

Item	Data	Test Method
Thickness (mm)	2.0 $\pm$ 0.2	Profile Projector
Width (mm)	Max. 300	
Length (meter)	25 or 50	
Adhesive Strength (gf/25mm)	>1,000	26 $^{\circ}$ C,60% R.H. SUS 304Plate 30min, 300mm/min
Holding Strength (sec)	>3,600	
Resistance ( $\Omega$ /sq)	<0.2	Inch/0.5Kgf
RoHS	Compliant	