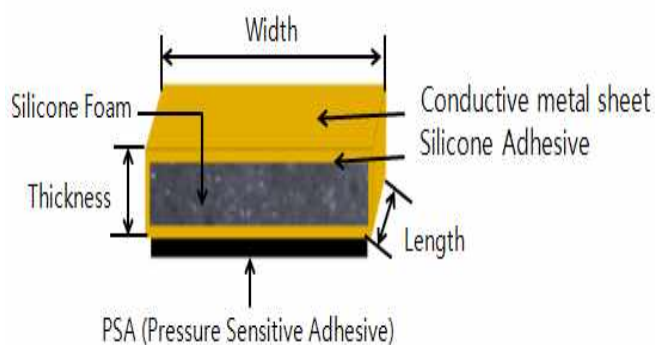


Technical Date Sheet

1.Product Name: Conductive metal sheet silicone foam gasket

2.Product No.: EGSF Series (any profiles of gasket are available)

3.Structure



Item	Reference
Conductive metal sheet	EPFC-028S,(Sn) EPFC-028G(Au)
Silicone Adhesive	EMS SA-01
Silicone Foam	ESF Series
PSA	Conductive or Acrylic Adhesive or soldering process

4.Characteristics

CONTENTS		UNIT	Typical Value	Test Method
Material	① Base	-	Conductive Metal sheet (P.I+Cu+Sn /Au) avg 28 μ m	
	② Adhesive	-	Silicone Adhesive	
	③ Silicone	-	Silicone Foam	
	④ PSA		Conductive or Acrylic Adhesive or soldering process	
Width		mm	Customized	
Height		mm	0.8 ~ 20 (Customized)	based on silicone tooling
Length		mm	Customized	
Operating temperature		℃	-40 ~ +270	-
Compression force Deflection (at 25% deflection)		kpa	17.23	ASTM D 1056
Compression Set		%	< 1 @ 70℃	ASTM D 1056
Surface Resistivity		Ω -cm	Less 0.1	ASTM D 257
Flame Resistance			V0	UL
Recommended compression		%	Max 50%	-
Bonding Strength of Soldering		kgf/cm	Min 0.2	SMT GASKET
Adhesive Strength (180peel)		gf/ 25mm	Min 1,000	Conductive ,Acrylic Adhesive

Note :the conductive metal sheet (P.I+Cu+Sn/P.I+Cu+Au) can be supplied separately and packed as 250mm(width)x0.028mm(thickness)x100M(length)/roll.

Technical Data Sheet

5. Features

- Electric grounding & Connector on PCB.
- Able to Reflow soldering by SMT. or PSA(Non-conductive,Conductive adhesive available)
- Excellent Elastic and Restoring Force.
- Ultra low compression set and medium softness
- Good heat stability
- Excellent electrical insulation properties
- Protection from Impact & Shake.
- Various size & shape.
- Excellent flame retardant as UL94V-O level

6 Application

- Mobile phone Antenna Connecting
- Mobile phone Receiver Connecting
- LCD, Grounding
- EMI & Grounding contact
- Electrical Contact
- Signal Contact
- Vibration isolators in transportation vehicles and electronic component