

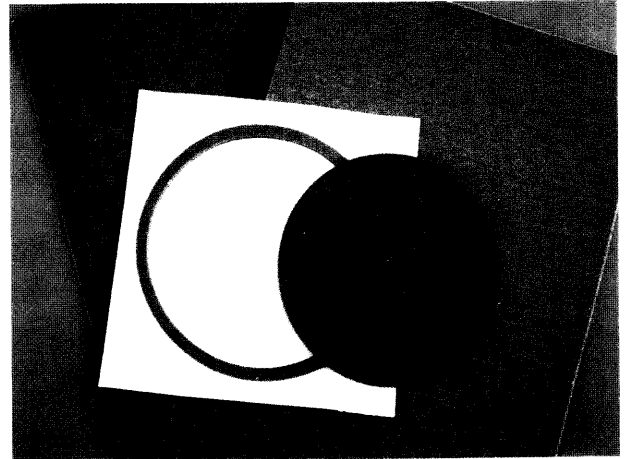
ELPACTO® SCR Conductive Foam

Features

SRC conductive foam is highly resilient Nickel-Copper polyurethane foam which compressed up to 75%.

This conductive foam is ideal for applications that require conformity with excellent EMI shielding, superior conductivity at low compression forces and better effectiveness at very high frequencies.

Also, it provides excellent conductivity in all directions X, Y and Z. Various easy custom die-cut, kiss-cut and slitting are available and Wide gap can be covered by various thickness option from 0.3mm to 4.0mm thickness



Specification

ITEM	STANDARD	REFERENCE
Material	P.U Coating	Polymer resin : Polyurethane
	Conductive foam	Polyurethane foam(Copper and Nickel Plated)
	Mesh	Polyester Woven mesh with Copper and Nickel plated
	Adhesive	Conductive one side adhesive
	Release Liner	CP paper avg 70 μ m
Conductive adhesive resin Composition	Acrylic ester polyol copolymer + Nickel powder	
Thickness(mm)	0.3 ~ 4 \pm 20%	
Width(mm)	Max 1000	
Length(Meter / Roll)	25 ~ 100	
Adhesive Strength (180° peel * gf / 25mm)	More than 1,000	26°C*60% R.H. SUS 304Plate 30min, 300mm/min
Holding Strength (sec)	More than 3,600	PET film(25 μ m), 40°C, 500g
Surface Resistance (Ω /in)	Less than 0.1	MIL DTL 83528C
Top-bottom Resistance (Ω /in)	Less than 0.1	MIL DTL 83528C
Color	Gray	
Use Temp. (°C)	- 10 ~ 80	ASTM D 3330

Application

- Display part & speaker hole of Mobile phone
- LED, LCD, PDP TV frame
- Shielding for electronics casings & frames
- Grounding for chassis, connectors and casings