


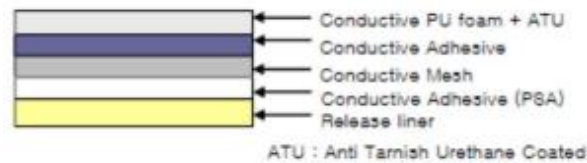
CONDUCTIVE FOAM

series: MECF

	<ul style="list-style-type: none"> • Excellent X, Y and Z axis conductivity. • Covers greater surface area compared to traditional EMI gaskets. • Easy to cut and handle. • Custom sizes can be supplied subject to MOQ. • ROHS & REACH SVHC compliant.
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Available To Purchase From [Farnell](#)

Part Number	Sheet size (mm)	Tensile Strength (N)	Elongation (%)
MECF-005P-210X310	310(l) x 300(w) x 0.5(t)	L: 230 / W: 210	L: 26 / W: 18.5
MECF-010P-210X310	310(l) x 300(w) x 1.0(t)	L: 230 / W: 200	L: 26 / W: 18.5
MECF-015P-210X310	310(l) x 300(w) x 1.5(t)	L: 225 / W: 210	L: 26 / W: 19
MECF-020P-210X310	310(l) x 300(w) x 2.0(t)	L: 230 / W: 220	L: 26.5 / W: 18.5
MECF-030P-210X310	310(l) x 300(w) x 3.0(t)	L: 239 / W: 227	L: 26.5 / W: 18.5
MECF-040P-210X310	310(l) x 300(w) x 4.0(t)	L: 239 / W: 227	L: 26.5 / W: 18.5



Item	Measurement	Test Method
Material	PU Foam + Mesh + ATU, Cu/Ni Plating	-
Conductive adhesive resin composition	Acrylic ester polycol copolymer + Nickel powder	-
Colour	Dark Grey	MIL-G-83528
Pore Count	80ppi ±10	ASTM D 3574-86
Surface Resistance	<0.2Ω / =	Test by MIL-G-83528
Volume Resistance	<0.2Ω / - cm	ASTM D 4935
Shielding Effectiveness (db)	Min 50	Test by ASTM D 4935
Temperature Range (°C)	-10 ~ +85	-
Recommended Compression Rate (%)	15 ~ 30	Different compression rate by load
180° Peel Adhesion	Min 1000gf	KS T 1028
Holding Power	>3600 sec	PET film (25µm) 25x25mm, 40°C, 500g

ANNOTATION

All specifications shown herein are typical values and are not guaranteed. It is recommended to test in the application for suitability.