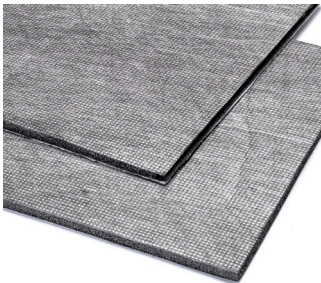


METALISED CONDUCTIVE FOAM GAS- KETS M-CF 1-5 A0/A1



DATASHEET



PRODUCT DESCRIPTION:

- Metalised Conductive Foam gaskets are a Nickel-Copper plated Polyurethane Foam sandwiched between electrically conductive polyester fabric.
- Provides X, Y and Z-axis conductivity for enhanced shielding effectiveness and low electrical resistance between mating surfaces.
- The metalised CF core shows significant performance improvement over conventional perimeter-conductive products especially at higher frequencies.
- Supplied with either Conductive or Non-Conductive (A1) pressure sensitive adhesive (PSA).
- Flexible sheet material easy to die cut for customised shapes and easy application.

FEATURES

- Highly conductive to provide excellent EMI shielding and grounding.
- Superior conductivity under Low Compression Forces and shielding effectiveness at very high frequencies.
- Nickel/Copper polyester fiber ensures good oxidation and corrosion resistance / galvanic compatibility with a wide range of plated and stainless-steel surfaces.
- Abrasion resistant fabric, high reliability and virtually no degradation in shielding performance after 1 million cycles.
- Ideal for (I/O) input/output applications and other connector configurations such as SMA, USB ports or IEEE 1394 High Speed Comms.
- Gaskets can be supplied die cut ready for assembly.
- Halogen-free products available upon request.

APPLICATIONS

- Medical Equipment, Cabinet applications.
- RF Signal Switching / Test Systems
- Plasma PDP and LCD TV / LCD Display Panels
- Broadcast & Communications equipment
- Mobile Phones, Notebooks, Tablets
- Laptop & Desktop Computers
- X-Ray equipment
- Enclosures – Server racks, Data Cabinets
- Military & Aerospace equipment.

NOTES

- Customised shapes are available
- The above performance data is tested in an environment of 70% humidity, temperature 25 °C
- This data is intended for reference purposes only. It is recommended that the material is tested to fully evaluate its performance ensuring it is fit for purpose.

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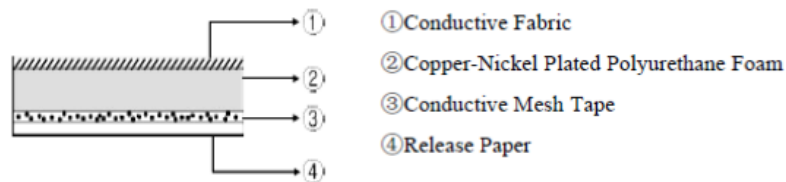
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PROPERTIES	M-CF 1-5 A0/A1	UNIT	TEST METHOD
Shielding Efficiency	≥70	dB	-
Surface Impedance	<0.02	Ω/sq.	ASTM F390
Z-axis Resistivity (±0.2)	<1.0	Ω/sq.in	-
Compression Ratio	≥30%	-	-
Thickness (±10%)	1.00-5.00	mm	-
Colour	GREY	-	Visual
Operating Temp Range	-30° to +90°	Deg °	-
Hazardous Substance	RoHS Compliant	-	Pass

*Halogen-free products available on request.

STRUCTURE



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