



Conductive Foam Cushion-CFCM

Product Description

CFCM could be produced not only with polyolefin, but also the other foam materials, Existed conductive cushion material is silver paste product but CFCM is electroless plate to have conductivity on it, therefore it's inexpensive and has a great shielding effectiveness CFCM has been produced by various requests such as a form of thin gasket, cushion, etc.



Features

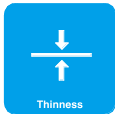
- Easy to die cutting
- Easy Application
- Excellent Shielding Effectiveness
- Very Flexible
- Cable Shield

Applications

- Figure for EMI/ESD/RFI/SAR
- Mobile Phone, PDA, Digital camera, Camcorder
- LCD, PDP, SET-TOP BOX
- NB, Tablet PC

Storage and Shelf Life

- Best recommended validity : Within less than 6 months.
- Best recommended storage condition : Temperature(25°C~30°C)&Humidity(50%RH~60%RH)
- The measuring data was determined under the laboratory condition, and can be used as a reference only.
- Performance may vary when using in different applications.



SPECIFICATION

Physical Properties	Unit	CFCM030	CFCM050	CFCM070	Test Method
Material		Polyurethane + Polyester + ATU	Polyurethane + Polyester + ATU	Polyurethane + Polyester + ATU	
Plating Method		Ni, Cu	Ni, Cu	Ni, Cu	
Color		Dark Gray	Dark Gray	Dark Gray	
Material Weight	(g/m ³)	753 ± 10	780 ± 10	800 ± 10	ASTM D3776
Thicknes	s (mm)	0.33 ± 0.05	0.53 ± 0.05	0.73 ± 0.05	ASTM D1777
Width	(mm)	1020 ± 20	1020 ± 20	1020 ± 20	Tape Measure
Breaking Streaking	(N/50mm)	L: 230 / W: 250	L: 230 / W: 250	L: 250 / W: 260	KS M 3014-96
Elongation	(%)	L: 21 / W: 17.5	L: 21 / W: 16	L: 24 / W: 17	KS M 3014-96
Compression ratio	(%)	55	45		JIS K 6400
Resistance	(Ω/sq)	X-Y: <0.1 Z: <0.05	X-Y: <0.1 Z: <0.05	X-Y: <0.1 Z: <0.1	MIL G 83528
Shielding Effectiveness	(dB)	>60 (1GHz)	>60 (1GHz)	>70 (1GHz)	ASTM 4935