



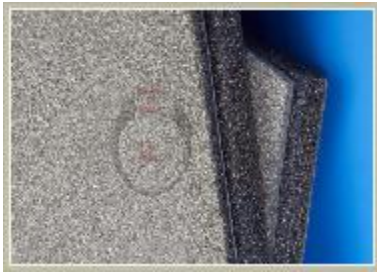
# 鸿富诚

专业·专心·专注

创新功能材料领军企业

## 【屏蔽材料】规格书

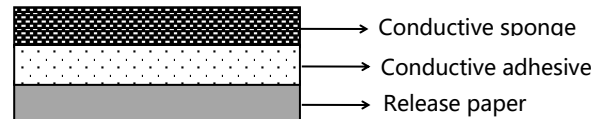
### MF全方位导电海绵系列



product picture

HFC-MFXYZ Axis conductive foam (with conductive fabric) is made of polyurethane foam after electroplating processing, which has the characteristics of omni-directional conductivity, and then laminated with conductive tape with base material. The product is suitable for die cutting and sticking.

#### Structure

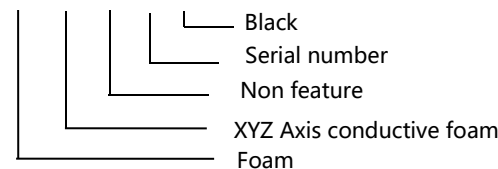


#### Features:

- ★ Good resilience
- ★ Excellent all-directional conductivity
- ★ Good performance on EMI shield effectiveness
- ★ Diversified shapes and thickness sizes
- ★ RoHS compliant, halogen free
- ★ Conductive pressure sensitive adhesive has strong viscosity, Can be fully fit with the product, it's hard to separate

#### Part number description

MF 04 00 XX -B



#### Application:

- ★ Handheld mobile electronic device
- ★ Wireless communication equipment
- ★ The chip module

#### Properties:

Item	XYZ Axis conductive foam														Test Method		
Color	Gray														Visual		
Part number	MF0400XX														HFC		
Thickness(mm)	0.15	0.25	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.5	2	2.5	3	3.5	4	GB/T 451.3
Tolerance(mm)	±0.1					±0.2					±0.5						
Surface Resistance (Ω/Inch <sup>2</sup> )	≤0.1										≤0.5					GB/T 30139	
Vertical resistance(Ω)	≤0.1										≤0.2					GB/T 30139	
Adhesion(Kg/inch)	≥0.6	≥0.8		≥1.0												GB/T 2792	
Holding Power(H)	≥24														GB/T 4851		
Recommended compression%	20%		30%					50%					/				
Shielding Effectiveness (dB)	≥80														GB/T 30142		
Salt spray test	PH=6.5 48h, Level A-10														ASTM.B117-2009		
Temperature Tolerance (°C)	Short Term:-40 ~ 120°C; Long Term:-20 ~ 70°C														/		



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Item	Black XYZ Axis conductive foam										Test Method
Color	Black										Visual
Part number	MF0400XX-B										HFC
Thickness(mm)	0.3	0.5	0.8	1	1.5	2	2.5	3	3.5	4	GB/T 451.3
Tolerance(mm)	±0.1		±0.2		±0.5						
Surface Resistance (Ω/Inch <sup>2</sup> )	≤0.3				≤0.5						GB/T 30139
Vertical resistance(Ω)	≤0.1				≤0.2						GB/T 30139
Adhesion(Kg/inch)	≥0.6		≥0.8		≥1.0						GB/T 2792
Holding Power(H)	≥24										GB/T 4851
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Temperature Tolerance (°C)	Short Term:-40 ~ 120°C; Long Term:-20 ~ 70°C										/

### Other:

- ★It is Saved in the condition of normal atmospheric temperature, at 28±5°C, 65%±5%RH, the Shelf life is 12 months.
- ★All the data is acquired in our laboratory,the explanatory right is our laboratory.
- ★If you have any questions about the production of our company , please contact the company personnel, in order to better service for you.