

## 【屏蔽材料】规格书

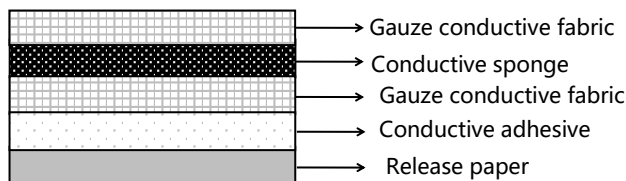
### XYZ Axis conductive foam



product picture

HFC - MFZ series comprehensive conductive foam is made of polyurethane foam and terylene fibre composite, its conductive all-round after plating process, and suitable for die cutting and laminating after attached with pressure sensitive adhesive, widely used in computers, cell phones and other kinds of electronic products, mainly in the high frequency transmission cover or isolate the interference of electromagnetic waves or radio waves.

#### Structure



#### Features:

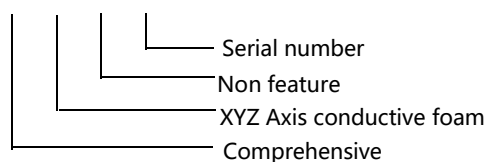
- ★ Good resilience
- ★ Excellent all-directional conductivity
- ★ Good performance on EMI shield effectiveness
- ★ RoHS compliant, halogen free
- ★ Conductive pressure sensitive adhesive has strong viscosity, Can be fully fit with the product, it's hard to separate

#### Application:

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

#### Part number description

MFZ 04 00 XX



#### Properties:

Item	MFZ XYZ Axis conductive foam												Test Method
Color	Gray												Visual
Part number	MFZ0400XX												HFC
Thickness(mm)	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	GB/T 451.3
Tolerance(mm)	±0.3	±0.5											
Surface Resistance (Ω/Inch <sup>2</sup> )	≤0.2												GB/T 30139
Vertical resistance(Ω)	≤0.2												
Adhesion(Kg/inch)	≥1.0												GB/T 2792
Holding Power(H)	≥24												GB/T 4851



# 鸿富诚

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Item	MFZ XYZ Axis conductive foam		Test Method
Recommended compression%	30%	50%	/
Shielding Effectiveness (dB)	≥90(20MHz-2GHz)		GB/T 30142
Salt spray test	PH=6.5 48h, Level A-10		ASTM.B117
Temperature Tolerance (°C)	Short Term:-40 ~ 120°C; Long Term:-20 ~ 85°C		/

### Other:

- ★It is Saved in the condition of normal atmospheric temperature, at 28±5°C, 65%±5%RH, the Shelf life is 6 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.