



【 HFC-A5000 】 series

Magnetic Absorber TDS



- Product picture -

Smaller and thin are required with the development of electronic products, it is more important to RFID anti-metal reader and tag, EMI component, Wireless charge products and Electro Magnetic Screen technology etc. Absorber material appeared to solve this problem. It has ultra-thin, soft, easily to roll up and cut performances, it can be custom-made, and also available for laminate with shielding materials like metal foil and fabrics as a multi-layer construction.

FEATURES:

- Soft and ultra-thin
- Insulation properties
- Available in very narrow spaces
- Flexible to cut various shapes
- Excellent performances of absorb electromagnetic radiation noise
- High stickness guaranteed install reliability

APPLICATIONS:

- EMI component
- RFID anti-metal electronic tags and NFC
- Wireless charge products
- Magnetic screen technology

REMARKS:

The material can be laminated with shield layer, Available for custom-made.

The series of products accord with standards of ROHS and HALOGEN.

PROPERTIES

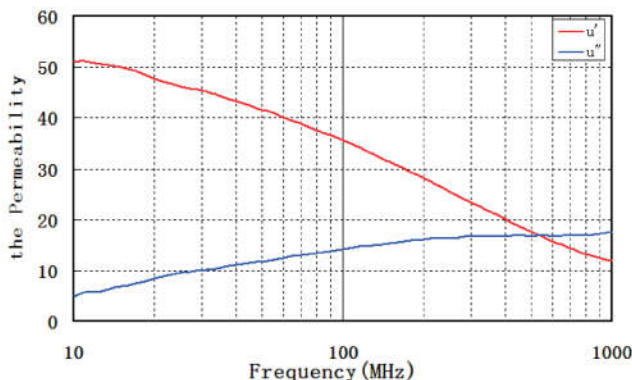
Items	Parameter	Test Method
Permeability (μ' @3MHz)	50	IEC 62044-1:2002
Thickness (mm)	0.03~3.0	—
Surface resistance (Ω/inch^2)	$\geq 10^6$	ASTM D257
Adhesion strength (kgf/inch)	≥ 1.0	—
Frequency range (Hz)	RFID:125KHz/134KHz/13.56MHz EMI:10MHz~18GHz	—
Operating temperature ($^{\circ}\text{C}$)	-25~85 (Can be strengthened to 120)	—
UL Certify	UL94V0	—
Package	Roll	—

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Magnetic Absorber Properties Test Methods:

Permeability Test [μ' , μ'']:

the Permeability VS. Frequency of HFC-A5000



Reflection Loss Test[dB]:

The reflect loss of different thickness products of HFC-A5000

