



## 【 HFC-A2000 】 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.

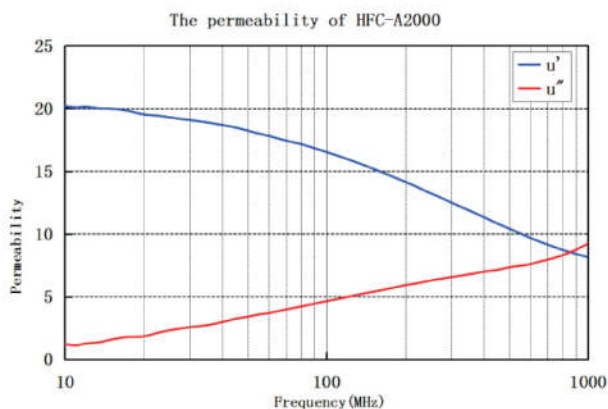
### PROPERTIES

| Items   | Parameter                                      | Test Method      |
|---|--|------------------|
| Permeability ( $\mu'$ @3MHz)                  | 20   | IEC 62044-1:2002 |
| Thickness (mm)                                | 0.1~1.0  | —                |
| Surface resistance ( $\Omega/\text{inch}^2$ ) | $\geq 10^6$                                    | ASTM D257        |
| Adhesion strength (kgf/inch)                  | $\geq 1.0$                                     | —                |
| Frequency range (Hz)                          | RFID:125KHz/134KHz/13.56MHz<br>EMI:10MHz~18GHz | —                |
| Operating temperature ( $^{\circ}\text{C}$ )  | -25~85<br>( Can be strengthened to 120 )       | —                |
| UL Certify                                    | UL94V0   | —                |
| Package                                       | Roll   | —                |

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### Magnetic Absorber Properties Test Methods:

Permeability Test [ $\mu'$ 、 $\mu''$ ]:



Reflection Loss Test[dB]:

