



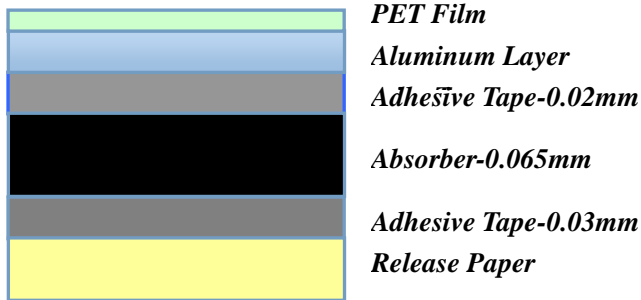
HFC-A160000A Magnetic Absorber Electromagnetic Noise Absorbing Materials



HFC-A160000A Magnetic Absorber Features

- HFC-A160000A are magnetic powers filled into polymer resins serviced with flexible and thin performances;
- Applied to non conductive tape, Offered the best insulation and install properties.
- Available in very narrow spaces.
- Flexible to die cut various shapes with the removable release liner.

The Structure of HFC-A160000A

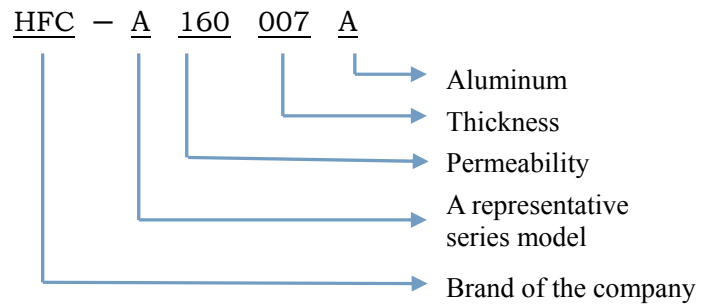


Note:the thickness of Aluminum layer with PET is 0.025mm

Typical Properties of The HFC-A 160000A

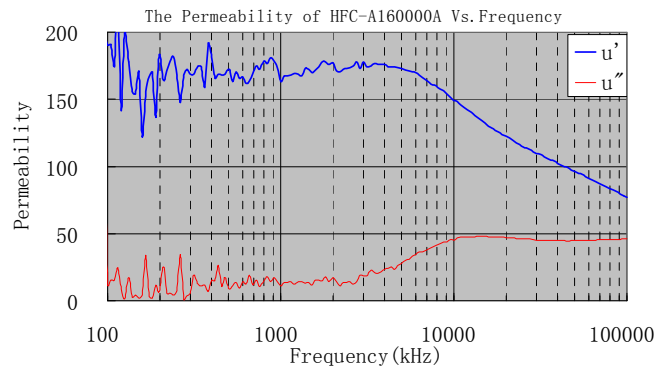
Item	Unit	Type
		HFC-A160000A
Permeability μ' @1MHz	-	160
Operating temperature	°C	-25~85
Surface resistance	Ω/inch^2	$\geq 1.6 \times 10^6$
Frequency range	Hz	RFID:125KHz~134KHz √13.56MHz; EMI:10MHz~8GHz
Adhesion strength	kgf/inch	≥ 1.0
Thickness	mm	0.05-0.1
Green products	Meet the requirement ROHS and Halogen-free	
Remarks: The material can be laminated with shield layer ,Available for custom-made		

HFC-A160000 Absorber Type Descriptions



The Permeability VS Frequency of HFC-A160000A

Data Curve



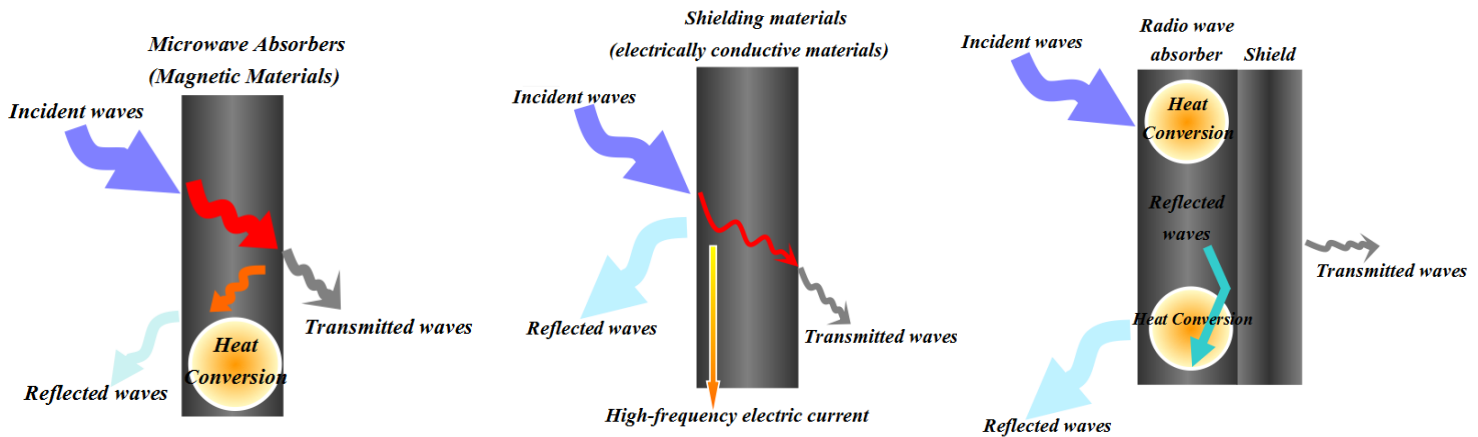
Test Equipment:Agilent 4294



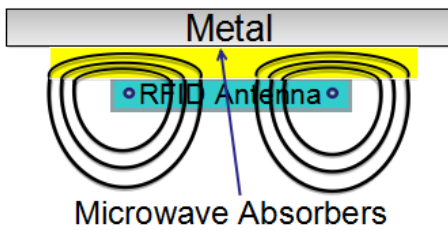


Application of The HFC-A160000A

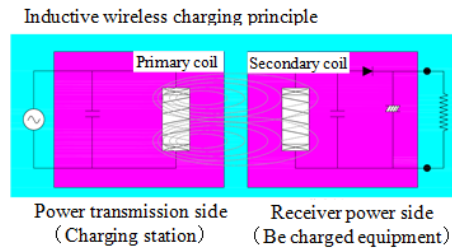
The principle of the HFC-A160000A apply to EMI



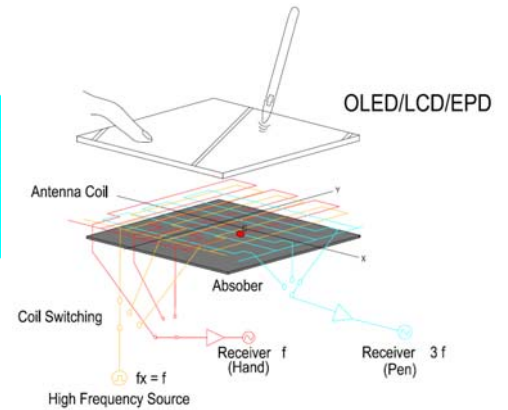
The principle of the HFC-A160000A apply to RFID



The principle of the HFC-A160000A apply to wireless charging



The principle of the HFC-A160000A apply to electromagnetic screen:



HFC-A160000A Magnetic Absorber Scope of Application

EMI/EMC	RFID/NFC	Electromagnetic Screen	Wireless charging
<p>Apply directly to casing</p> <p>Apply between boards</p>	<p>RFID Metal Tag</p>		<p>POWERMAT WIRELESS CHARGING</p> <p>CLUTTER-FREE Charge 2 devices with one plug</p> <p>SMART Prevents overcharging</p> <p>CONVENIENT No plugging and unplugging</p> <p>WIRELESSLY Charge up to 2 devices</p>
<p>Apply directly to flat cable</p>	<p>Phone cover</p> <p>RFID Antenna</p> <p>Absorber</p> <p>Battery</p> <p>Phone motherboard</p>		