

Technical Data Sheet

Product Description

EverSorb-X EVA12000 is a high permeability material characterized by our magnetic fillers disbursed throughout a polymer resin blend. The result is a super-thin broadband absorber that is very flexible with dynamic performance when space is limited. Available with a special non-conductive pressure sensitive adhesive this material can be cut to various shapes or custom drawings with a removable release liner.



Applications

- ✓ Consumer Electronics
- ✓ Mobile Phones
- ✓ Wireless Charging
- ✓ Tablets/Computers
- ✓ RF/ID
- ✓ Cable Wrap

Material Properties

- High Permeability
- Super Thin
- Broadband Performance
- Good flexibility
- Available with PSA
- Cut to Any Size/Shape

EVERSORB-X EVA12000 EMI Absorber

Item	Unit	Type	
		EVA12000	Test Standard
Permeability μ' @1MHz	-	120±20%	62044-1:2002
Operating temperature	°C	-25~85	-----
Surface resistance	Ω/inch^2	$\geq 1.0 \times 10^6$	ASTM D257
Frequency range	Hz	RFID:125KHz\134KHz\13.56MHz; EMI:10MHz~18GHz	-----
Adhesion strength	kgf/inch	≥ 1.0	-----
Thickness	mm	0.03~0.5±0.05	-----
Green products	Meet the requirement ROHS and Halogen-free		



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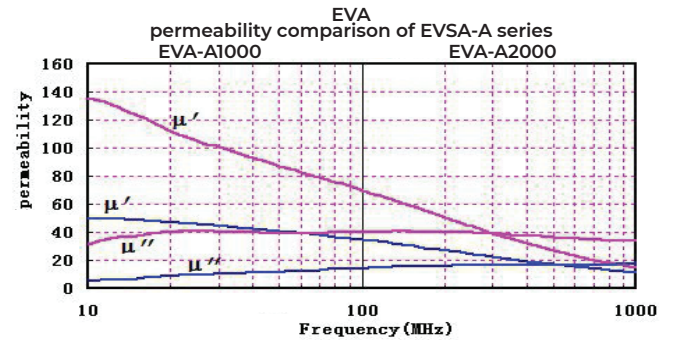
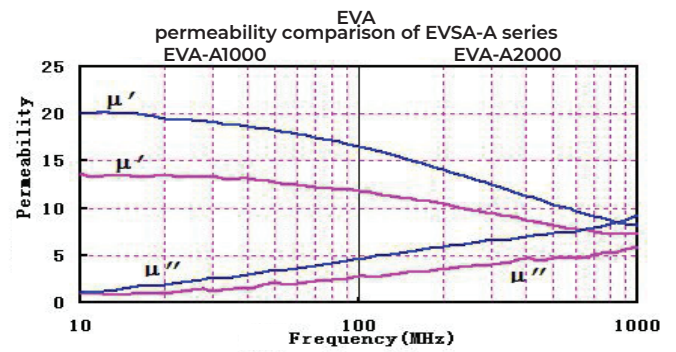
Note: The information provided herein is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application. All test data is typical. Therefore, these recommendations and data are for reference only and not as a product warranty.

Electrical Performance Data

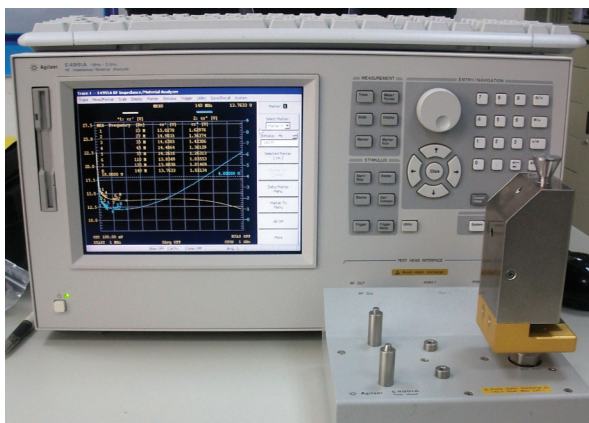
Permeability Test



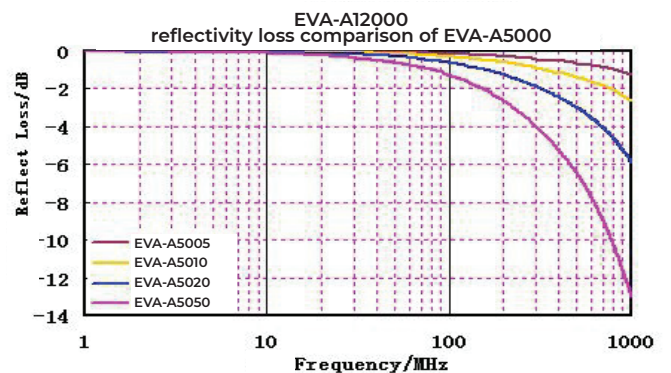
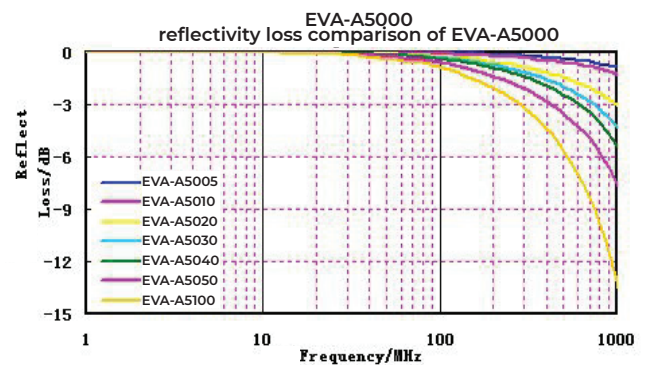
Agilent E4991A



Reflection Loss Test



Agilent E4991A



Power Loss Text

