

## Technical Data Sheet

### Product Description

EverSorb-X EVA25000 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 EVA25000 EMI Absorber

Item	Unit	Type	
		EVA25000	Test Standard
Permeability $\mu'$ @1MHz	-	250±15%	62044-1:2002
Operating temperature	°C	-25~120	-----
Surface resistance	$\Omega/\text{inch}^2$	$\geq 1.6 \times 10^6$	ASTM D257
Frequency range	Hz	EMI:100MHz~3GHz	-----
Adhesion strength	kgf/inch	$\geq 1.0$	-----
Thickness	mm	0.006	-----
Green products	Meet the requirement ROHS and Halogen-free		



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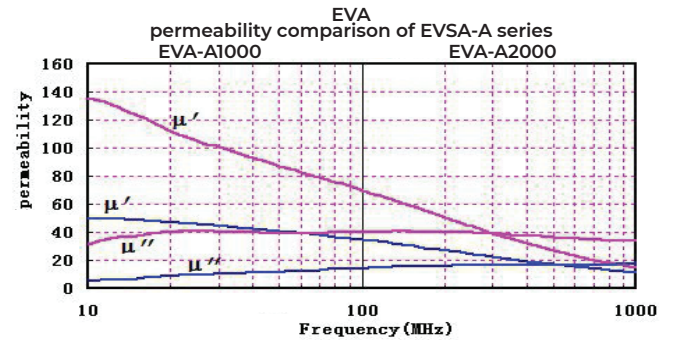
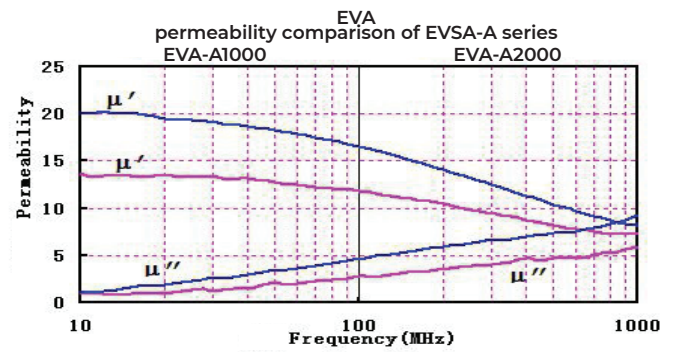
**Note:** The information provided herein is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application. All test data is typical. Therefore, these recommendations and data are for reference only and not as a product warranty.

# Electrical Performance Data

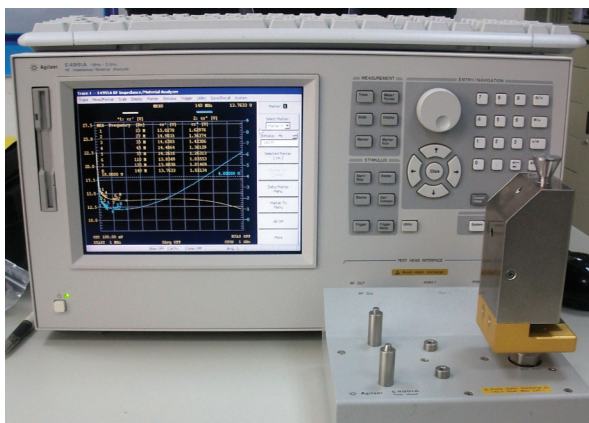
## Permeability Test



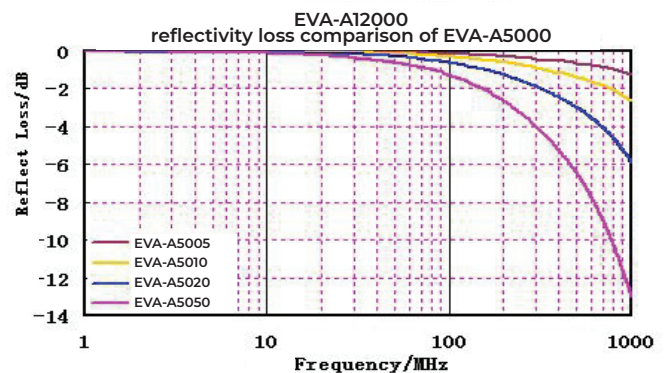
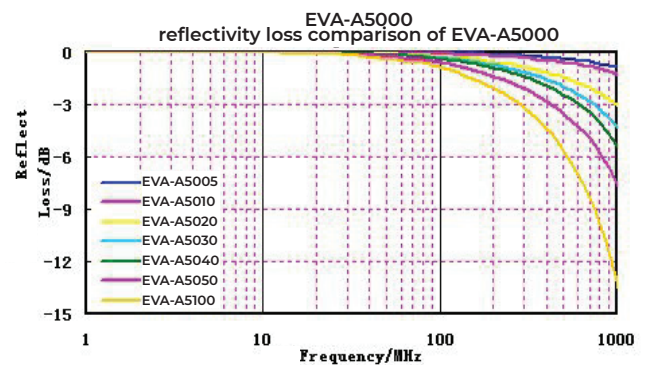
Agilent E4991A



## Reflection Loss Test



Agilent E4991A



## Power Loss Text

