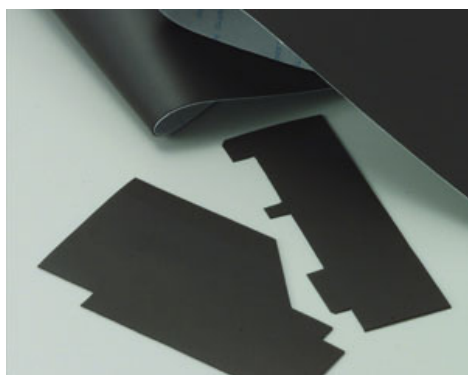


# EMI ABSORBER SHEET – MAB



## EMI Flexible Noise Suppression Ferrite Sheet

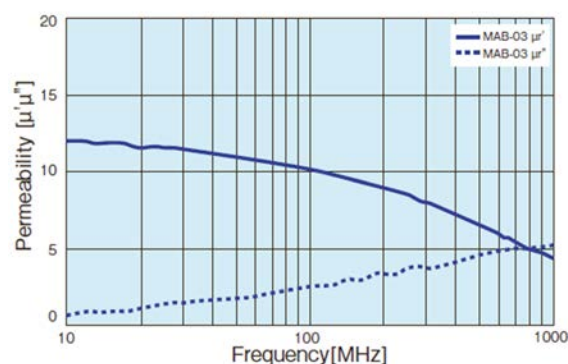
- Reduce radiated emission by attaching MAB on CPUs, cables, or enclosures.
- Improve communication distance for RFID by suppressing the interference between antenna and metals in vicinity.
- Intended for low frequency range from 100MHz
- Magnetic permeability is 7 at 10MHz
- Cutting service provided upon request.
- UL94V-0 certified

### Specifications

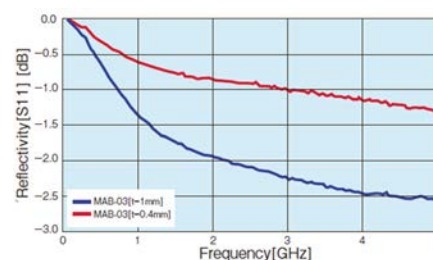
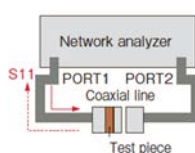
Type	MAB-03
Thickness (mm)	0.4, 1.0, 2.0, 4.0
Volume Resistivity ( $\Omega \cdot \text{cm}$ )	$10^{12}$
Operating Temperature ( $^{\circ}\text{C}$ )	-40~+85 $^{\circ}\text{C}$
Flame Rating (UL94)	V-0 (excluding PSA)
Breakdown voltage (kV)	3kV (t=0.4mm), 7kV (t=1.0mm), 10kV (t=2.0mm or 4.0mm)
Standard Sheet Size	210mm x 297mm

### Characteristics

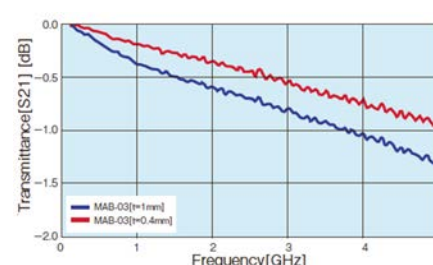
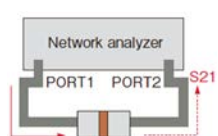
#### Permeability



#### Reflection loss



#### Transmission loss



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The specifications and properties regarding performance above are not guaranteed, and are subject to change without notice due to product improvement and specification change. While our absorbers are electrically non-conductive, usage directly on the PC Board near the power should be carefully checked. Intermark (USA) Inc. makes no guarantees as to electrical resistivity values and accepts no liability due to short circuits where EMI absorbers are used directly on a PC Board. The products are designed for EMI noise reduction for electronics. This is not recommended to use for applications involving human life or extremely high accuracy. Prior to your usage of the products in production, please verify their performance of EMI noise absorption or adhesive strength of PSA for long term use. Avoid applying any external stress such as bending or high amounts of tension. Note that when the absorber products are cut, bent or pulled, there might be some possibility of creating cracks. For storage of the products keep them in cool and dry rooms at ambient temperature avoiding high temperatures, humidity, and direct sunlight. Keep in a cool, dry, well ventilated place.