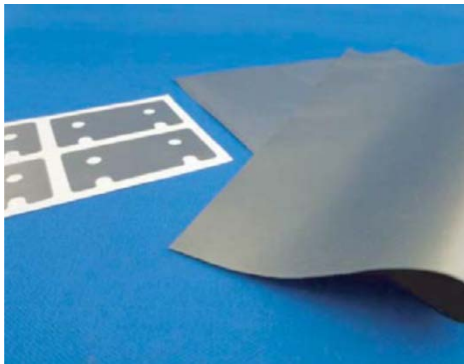


# EMI ABSORBER SHEET – MG-10A



Very thin and flexible electromagnetic wave suppression sheet

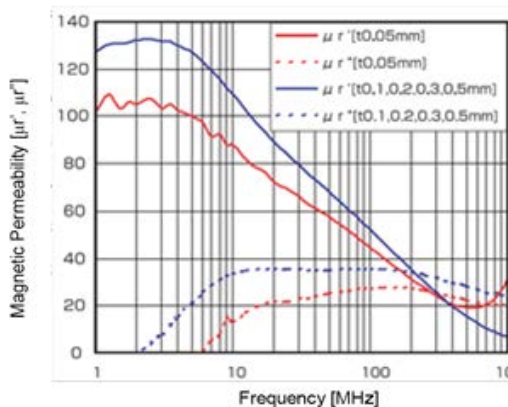
- Reduce radiated emission by attaching MG-10A on CPUs, cables, or enclosures.
- Improve communication distance for RFID by suppressing the interference between antenna and metals in vicinity.
- Magnetic permeability is 100~130@ 1MHz
- Cutting service provided upon request.
- UL94 V-0 Certified

## Specifications

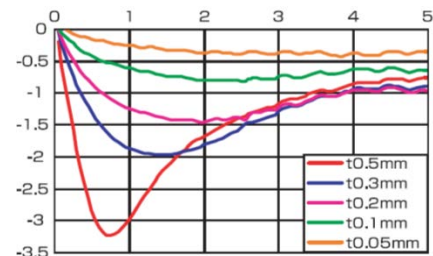
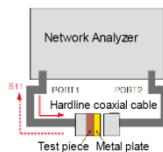
Type	MG-10A	
Thickness (mm)	0.05	0.1, 0.2, 0.3, 0.5
Magnetic Permeability ( $\mu'$ )	100/ 1MHz	130/ 1MHz
Volume Resistivity ( $\Omega \cdot \text{cm}$ )	$10^7$	
Operating Temperature	-40~+85°C	
Flame Rating (UL94)	V-0 (excluding PSA)	
Standard Sheet Size	220mm x 315mm	

## Characteristics

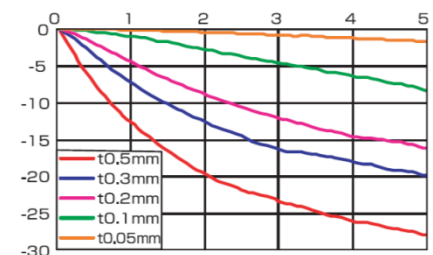
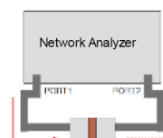
### Magnetic Permeability



### Return Loss



### Insertion 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 PCB 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 PCB. 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.