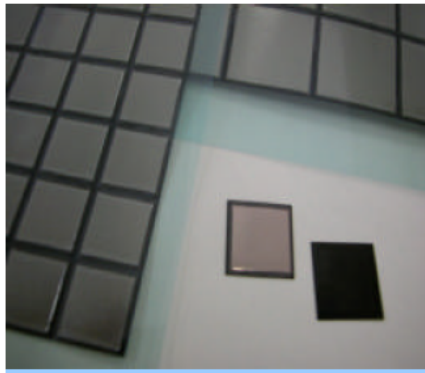


MAGNEFILM - MFM



Effective for Leakage Magnetic Flux and Electromagnetic Wave in Low-frequency Band

- Effective for leakage magnetic flux and radiation noise from IC, etc. for which conventional absorption sheets are not very effective.
- All around the magnetic foil is laminated with PET film^{※1}
- Stable effectiveness with no rust or crack caused during use. Easy mounting with the adhesive backing.

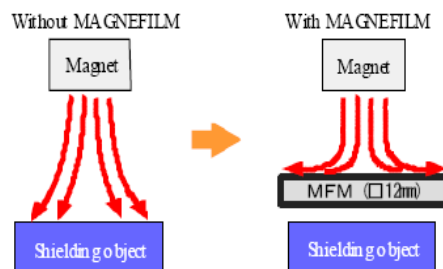
■ Specification (Central values)

Part number	MFM-1.-0.2-012012T	MFM-1-0.2-020020T
Size (mm) *2	□12(magnetic foil) □14(laminate)	□20(magnetic foil) □22(laminate)
Thickness (mm)	0.2 (incl. adhesive)	
Permeability (10MHz)	65	
Adhesive peel strength (N/20mm)	7	

For Magnetism

Application : Image processing IC, HDD, etc.

Magnetic measurement by gaussmeter



# of MAGNEFILM	Measurement value	Attenuation
None	4.78 _m T	-
1	3.39 _m T	29%
2	2.14 _m T	55%

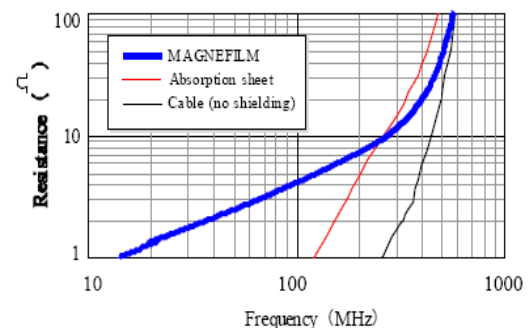
(mT : millitesla)

- ※1 Please keep in mind that MAGNEFILM does not guarantee insulation.
- ※2 100 x 150 mm sample sheets are available for evaluation. Please contact us for more details.
- ※ Specifications and properties above are central values, not guaranteed performance.

For Low-frequency Magnetic Wave

Application : FPC, etc.

Measurement of Resistance



By mounting MAGNEFILM on both sides of FPC (length=10cm), higher loss effect can be obtained in low-frequency band, compared to absorption sheet (MG-02 t=0.1).



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All statements, technical information, and recommendations herein are based on tests and are believed to be reliable, but the accuracy and completeness are not guaranteed and are subject to change without notice due to product improvement and specification change. The following is made in lieu of all warranties, expressed or implied, including the implied warranties of marketability and fitness for purpose. Intermark USA's obligation under this warranty shall be limited to replacement of product that proves to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. Intermark USA shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.

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.