

Messrs. _____

Amorphous Magnetic Shielding Sheet SS series for EMC Noise radiation

Our magnetic shielding parts have higher shielding effect and permeability than magnetic powder sheet in the low frequency range of 30 to 300kHz. They are applied to shielding parts to absorb leakage of magnetic flux from coils and magnetic components. And they can make themselves into thin sheet-like cores of inductors and (Non contact charge system) transformers because they have high permeability.

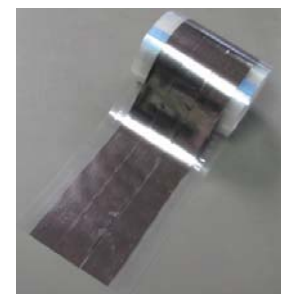
In recent years, the mutual interference of the electromagnetic waves and magnetism at 100 kHz to 1 MHz, etc. have been problems by the small size and density growth of the electronic terminal equipment, and Amorphous magnetic sheet "SS" is the best for the shield in this frequency band.

【Features】

- SS Sheet have an excellent shielding effect as they have high relative permeability of 18,000 at 100kHz.
- Thin 63 μ m (1 layer of SS Sheet)
- Correspondence 100mm width and No level difference.
- Co based Amorphous' s hardly ever rusts unlike Fe based materials



【SS Sheet】

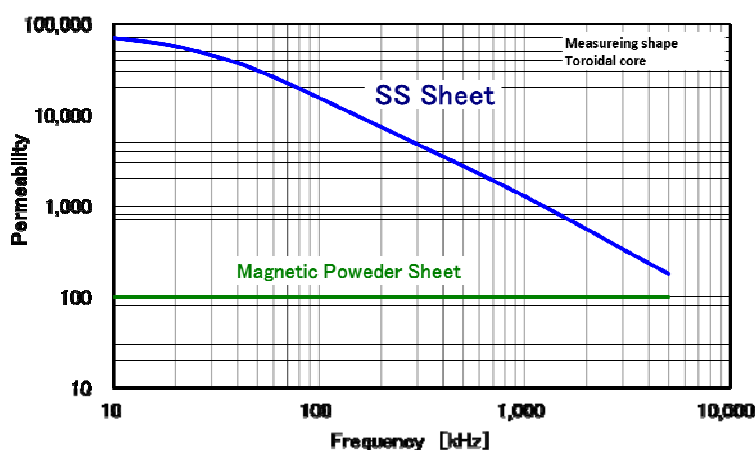


【Broad type】

【Applications】

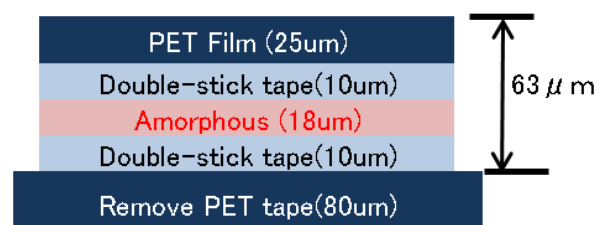
- Magnetic shielding for LF band frequency devices.
Tablet PC, Smart phone
- Hearing Aid Compatibility(HAC) etc.

【Frequency vs Permeability】



(Typical Value)

【Example of 1 layer SS sheet】



【Compositions of the other】

- Amorphous many layers type
- Thin of double-stick tape can change to 30um.
- Double remove PET tape
- Over lamination

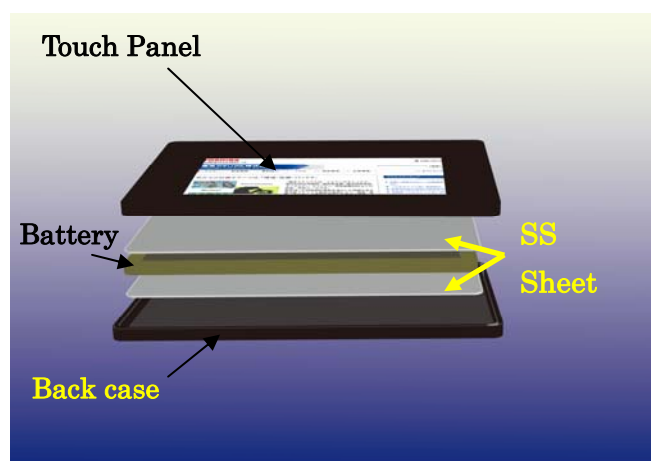
【Examples of Effect and Mounting】

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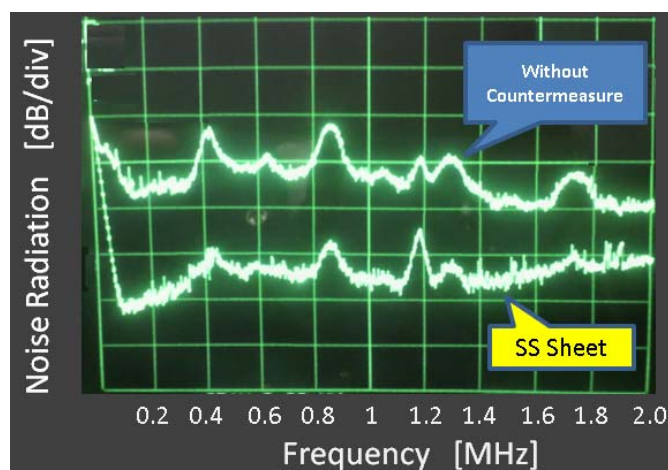


【S/O-75×130CAD】

Simple Loop Antenna



【Example of application】



【Noise radiation】

※Attachment to 7inch Tablet PC

【Sample of “SS” sheet】

Type No.	width × length [mm]	Recommendation inch
S/O-40x75 CAD	40x75	4
S/O-75x130 CAD	75x130	7
S/O-107x190 CAD	107x190	10. 1

*When the sample and the different sheet of size want you, please ask our Sales department.

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