

MU-FERRO SHIELDING FOIL MFSD

Magnetic shielding sheets that are thin and flexible with a high permeability



The Mu-ferro shielding foil is a magnetic shielding sheet and made of a high permeability material laminated on a PET film. The sheets are easy to handle and because of the thinness of 0.12 mm the material is very flexible.

The mu-ferro shielding foil is lightweight and has a superior magnetic shielding effect. The best shielding frequency can be made when the frequency gets below several 100 kHz. When one layer of Mu-ferro foil is used it can shield 100 μ T.

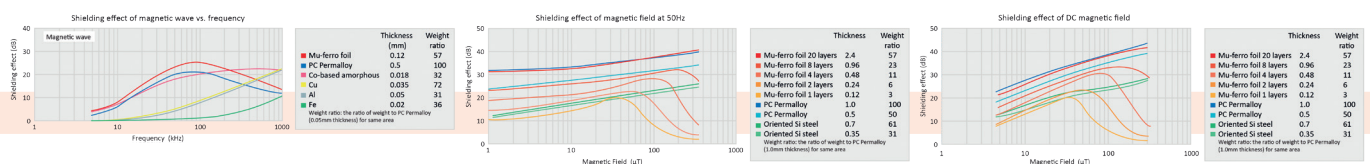
When multiple layers of the material are used it can shield a strong magnetic field. Having small deterioration in shielding effect by bending, cutting and punching, Mu-ferro foil can be applied on curved surface and cut or punched in various shapes. The foil is also available in a long sheet and is suitable for large-scale magnetic shielding for example a shielded room.

SPECIFICATIONS

Type		roll
Dimensions	Length	100 m
	Width	470 mm
	Thickness	0.12 mm
Magnetic flux density, B800 (DC H=800A/m)		1.23 T
Maximum permeability, μ_{max} (DC)		70.000
Operating temperature range		-40°C +80°C

Double-sided adhesive tape is available for 610 mm x 460 mm sheet.

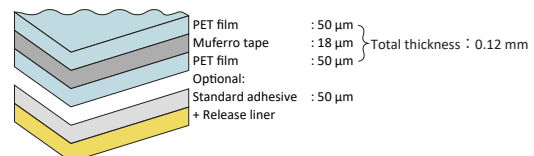
SHIELDING EFFECT



APPLICATIONS

- For suppression of magnetic noise generated from inductors in electronic devices, such as personal computer, mobile phone, DVC, DSC, etc.
- For magnetic shielding of buildings or houses close to power lines or power distribution installation.
- For magnetic shielding of equipments that are easily affected by geomagnetic field or fluctuating magnetic field.

STRUCTURE



HOW TO ORDER

Series
MFSD

Width (mm)
 Specify the width in mm.

Length (mm)
 Specify the length in mm.

Adhesive
A : With adhesive
N : No adhesive