



Noise Suppression Sheets - Flexield -

Series name

IFM series Hybrid type

(magnetic layer + copper layer)



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■ FEATURES

- In addition to the magnetic loss effect by a magnetic layer, the noise control effect by a conduction layer is demonstrated.
- Has flexibility , it does not crack by impact or the like .
- It excels in shape processability and can respond to various dimensions and shapes.

■ APPLICATION

- Electromagnetic noise measures of various kinds of electronic equipment.
- Receiver sensitivity improvement of PEN input (inductive coupling type).
- Performance improvement of RFID (on metal correspondence).

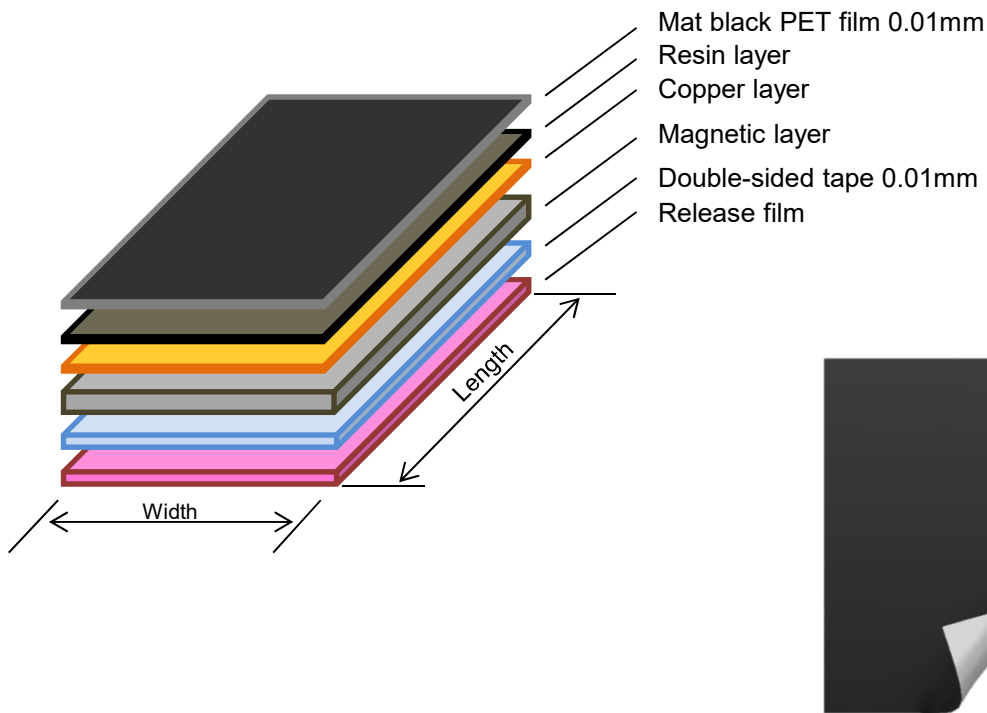
■ STANDARD SHAPE LIST

Magnetic sheet material	Magnetic layer thickness (mm)	Sheet dimensions (mm)
IFM10M	0.025	300X200

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■ PART NUMBER CONSTRUCTION

IFM	10M	-	025	B	B	300	X	200
Series name	Material symbol		Magnetic layer thickness (mm)	Surface film thickness (mm)	Double-sided tape thickness (mm)	Length (mm)		Width (mm)
IFM	10M		025 0.025	B 0.01	B 0.01	300 300		200 200



■ STANDARD PART NUMBER LIST

Material name	Standard dimensions (mm)	Magnetic layer thickness (mm)	Thickness (mm)	Part number
IFM10M	300X200	0.025	0.05	IFM10M-025BB300X200

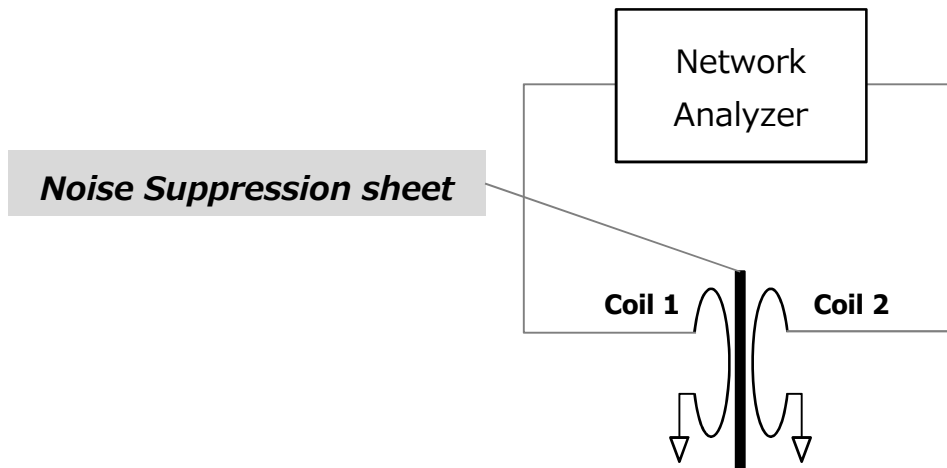
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■ MATERIAL CHARACTERISTIC

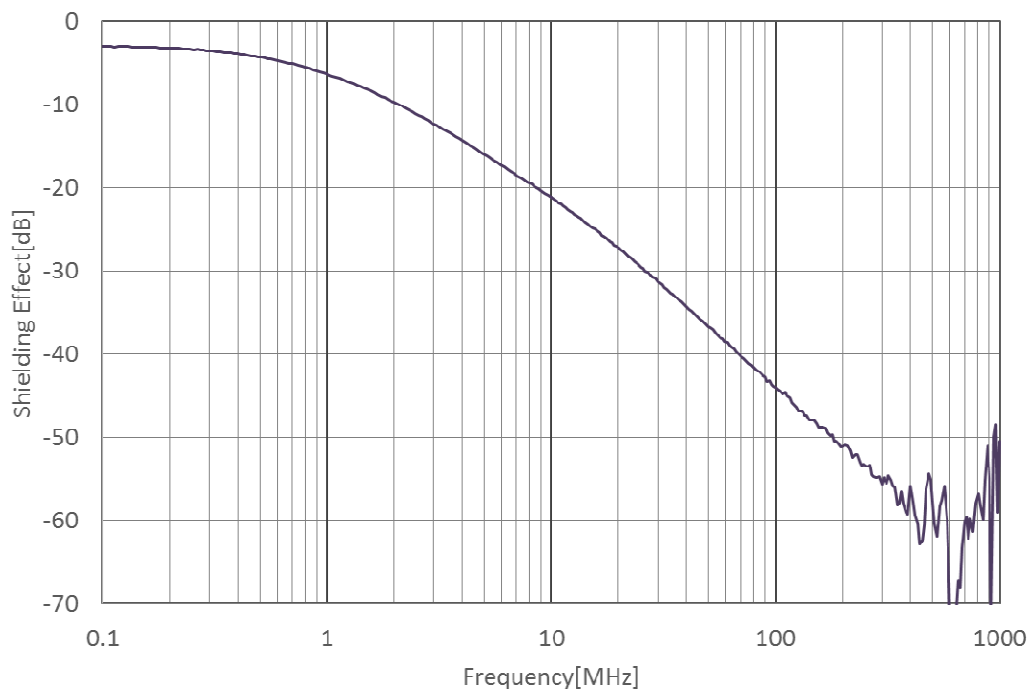
MATERIAL CHARACTERISTIC SPECIFICATION TABLE

Material name	Recommended specification frequency range	Relative permeability (at 1MHz)	Operating temperature range (°C)
IFM10M	0.5 MHz to 10 GHz	120	-40 to +85

■ MEASUREMENT SETUP



■ MATERIAL CHARACTERISTIC



REMINDERS FOR USING THESE PRODUCTS

Before using these products, be sure to request the delivery specifications.

SAFETY REMINDERS

Please pay sufficient attention to the warnings for safe designing when using these products.

REMINDERS

When mounting on live electrical parts directly, there is a fear that an insulation accident is caused, so please consider on the design in case of use.

There is a fear that sulleness of double sided adhesive tape occurs, so please refrain from the use to a part where you wind repeatedly by which it's for the hinge part.

The products listed on this specification sheet are intended for use in general electronic equipment (AV equipment, telecommunications equipment, home appliances, amusement equipment, computer equipment, personal equipment, office equipment, measurement equipment, industrial robots) under a normal operation and use condition.

The products are not designed or warranted to meet the requirements of the applications listed below, whose performance and/or quality require a more stringent level of safety or reliability, or whose failure, malfunction or trouble could cause serious damage to society, person or property. When the damage occurs by having been used the products in the applications listed below or if you have special requirements exceeding the range or conditions set forth in the each catalog, please understand that the responsibility cannot be taken.

1. Aerospace/Aviation equipment
2. Transportation equipment (cars, electric trains, ships, etc.)
3. Medical equipment
4. Power-generation control equipment
5. Atomic energy-related equipment
6. Seabed equipment
7. Transportation control equipment
8. Public information-processing equipment
9. Military equipment
10. Electric heating apparatus, burning equipment
11. Disaster prevention/crime prevention equipment
12. Safety equipment
13. Other applications that are not considered general-purpose applications

When using these products in general purposes and standard use, it is recommended that protection circuits are used, devices are secured, and backup circuits are kept for increased safety.

All specifications are subject to change without notice.

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