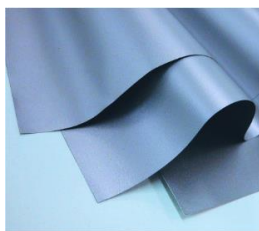


EMI SUPPRESSION SHEET

Kitagawa series: MG



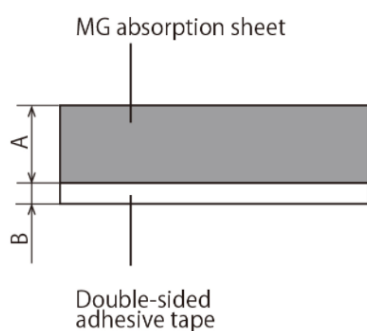
- High performance material mixed with magnetic metal filler.
- Offers noise suppression by simply attaching to ICs or Cables.
- Flexible enough to fit on corners or bent objects.
- Temperature Range: -40 to +150°C.
- Can be cut to size with scissors or knife.
- Apply directly to noise source to eliminate cross-talk and reduce amount of material needed.
- Typical applications include flat screen TVs, displays, electric vehicles, HEMS and smartphones.

[Guide to EMI Absorbers](#) [Application Examples](#)

Material

Items	Unit	Standard	MG-03A	MG-12
A	mm	-	0.5/1.0	0.1/0.25/0.5
B	mm	-	0.14	0.03
Colour	-	-	Silver	Silver
Permeability	μr	-	25/10MHz	95/1MHz
Volume Resistivity	$\Omega \cdot \text{cm}$	JIS K 6911	10^7	10^7
Flame Resistance	-	UL94	HB	V-0
Material	-	-	Magnetic metal material + rubber	Magnetic metal material + resin
Operating Temp	°C	-	-40~150	-40~105

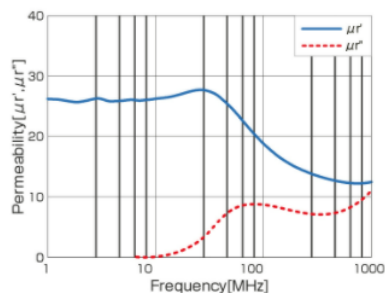
Measurements do not take into account the double-sided tape.



Performance Data

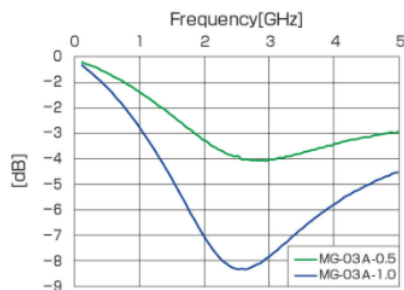
Permeability

MG-03A Series



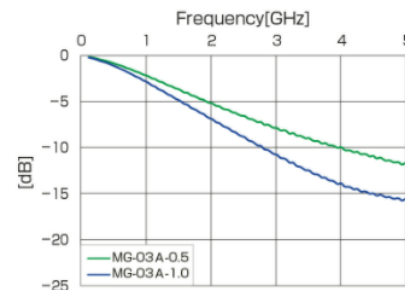
Reflection Loss

MG-03A Series

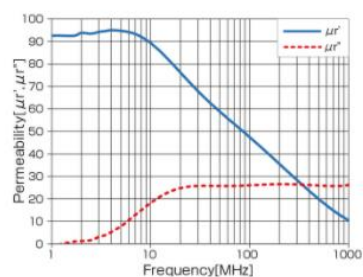


Transmission Loss

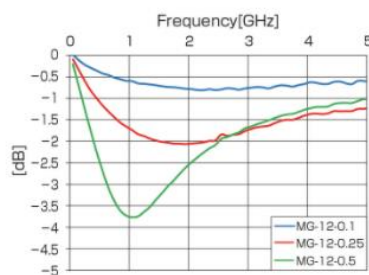
MG-03A Series



MG-12 Series



MG-012 Series



MG-12 Series

