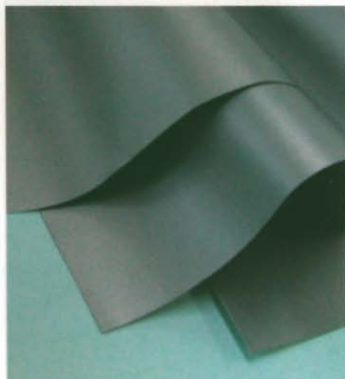


Magnetic Metal (High Performance) Type



MG ABSORPTION SHEET / MG series

High-performance type composed of flexible resin mixed with magnetic metal filler

- MG-03A is heat-resistant rubber based and has improved heat resistance up to 150°C.
- MG-04 has excellent permeability ($\mu=31 / 10\text{MHz}$), and 0.05mm ultrathin type is available.
- MG-05, -05A has super excellent permeability ($\mu=50 / 10\text{MHz}$).

Part number	MG-03A	MG-04	MG-05A NEW	MG-05 NEW
Thickness (mm)	0.5 / 1.0	0.05 / 0.1	0.25 / 0.5	0.1
Recommended operating temp.(°C)	-40~150	-25~80	-45~85	
Volume resistivity ($\Omega \cdot \text{cm}$)	10 ⁷		10 ¹¹	
Flame retardancy	—	Equivalent to UL94V-0	UL94V-0*	
Material	Magnetic metal filler + Rubber	Magnetic metal filler + Resin		
Feature	Improved heat resistance	Thin, High permeability	Super high permeability	

* Except for adhesive

Soft Ferrite (Standard) Type



EMI ABSORPTION SHEET / MAB series

Standard type composed of flexible resin mixed with soft ferrite

Part number	MAB-03	MAB-04
Thickness (mm)	0.4 / 1.0 / 2.0 / 4.0	0.1 (incl. Adhesive)
Recommended operating temp.(°C)	-25~80	
Volume resistivity ($\Omega \cdot \text{cm}$)	10 ¹²	10 ¹³
Flame retardancy	UL94V-0*	Equivalent to UL94VTM-1
Material	Soft ferrite + Resin	
Feature	Wide variety of thickness	Thin (film-coated type)

* For 4.0mm thick sheet, flame retardancy is equivalent to UL94V-0

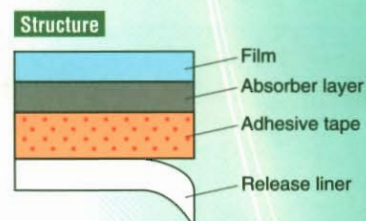
Soft Ferrite (Film Coated) Type



REACH FILM / RFM1

Flexible and bending-resistant absorption sheet composed of absorber layer sandwiched by film and adhesive tape

The sheet can be bent or wrapped around cables without any crack caused.

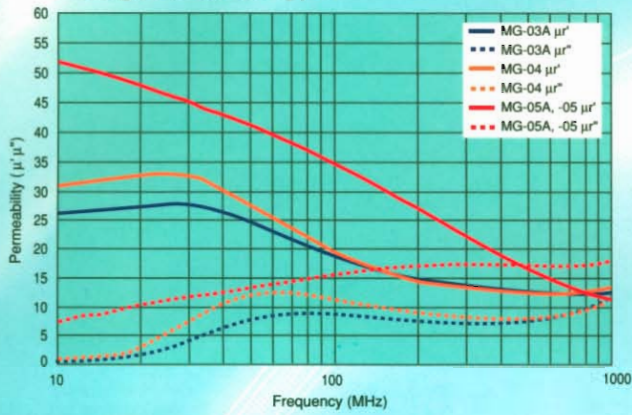


Part number	RFM1
Thickness (mm)	0.27 (incl. Adhes ve)
Recommended operating temp.(°C)	-25~80
Volume resistivity ($\Omega \cdot \text{cm}$)	10 ¹²
Flame retardancy	Equivalent to UL94VTM-1
Material	Soft ferrite + Resin
Feature	Resistant to bending

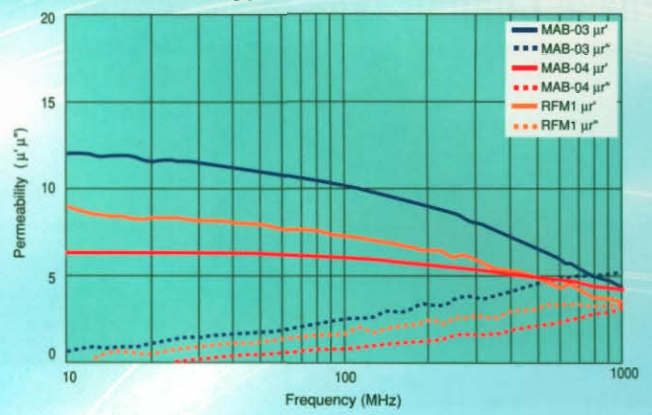
Property*

Permeability

●Magnetic metal type

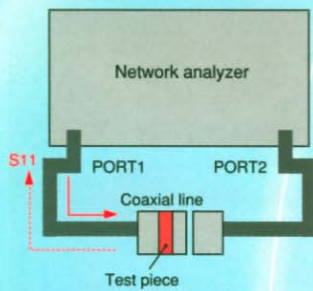


●Soft ferrite type

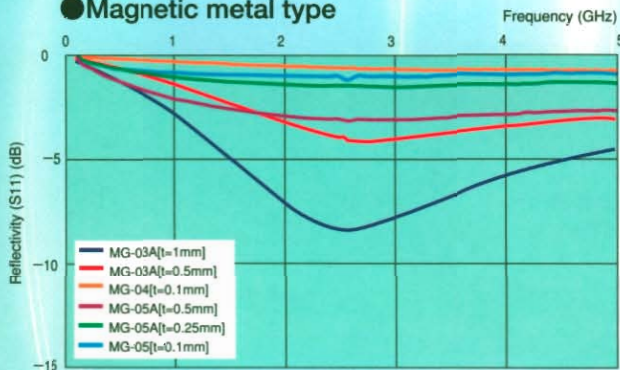


Reflection loss

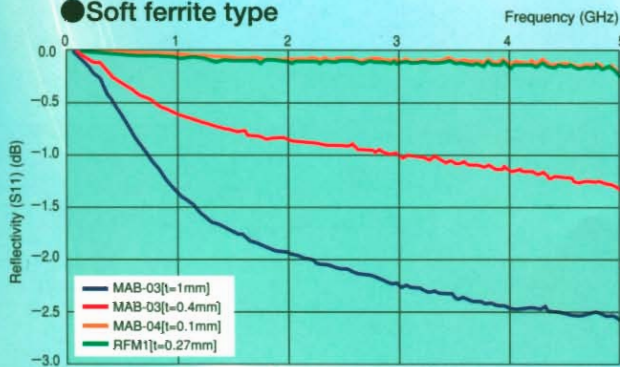
●Measurement method



●Magnetic metal type

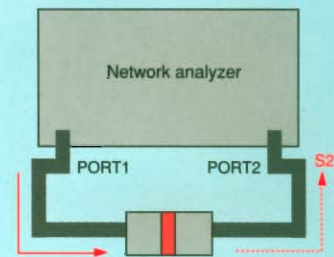


●Soft ferrite type

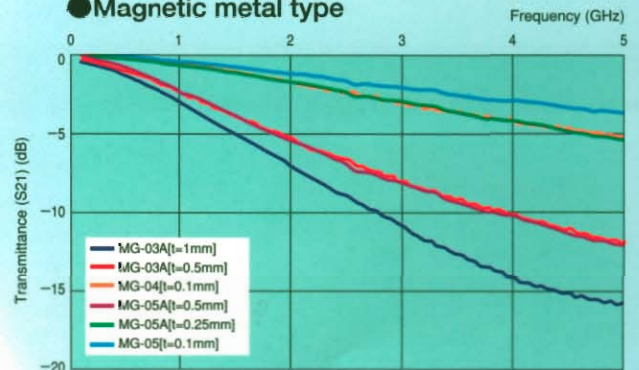


Transmission loss

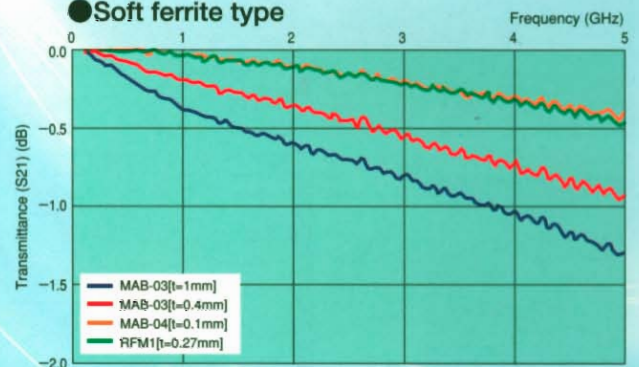
●Measurement method



●Magnetic metal type



●Soft ferrite type



* The values are based on measurement at our EMC Center, and they are not guaranteed values.