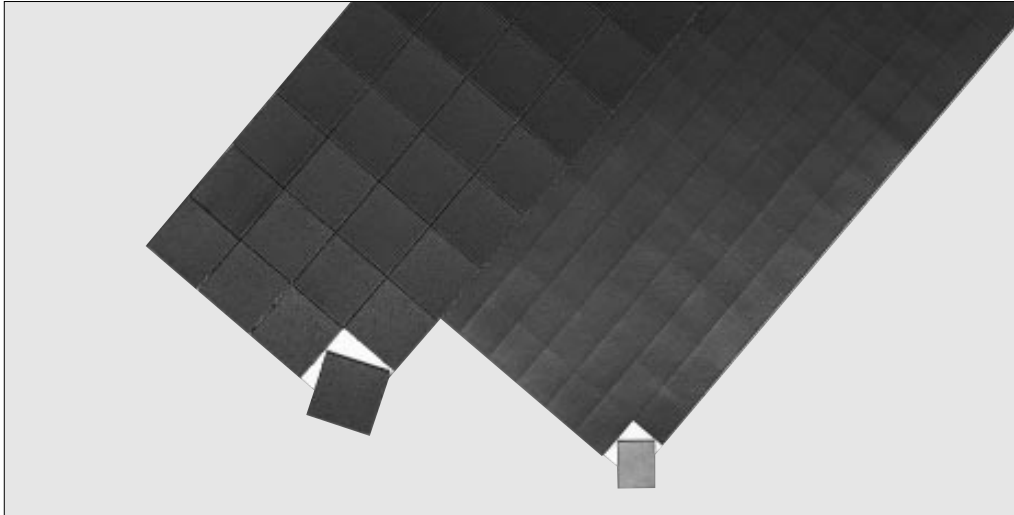


# EMI suppression sheets (PE Series)

Operation errors of an electronic device are often caused by EMI noise from another electronic device nearby. Also, existing EMI control products are ineffective to high-frequency digital equipment. Utilizing original material and processing technologies, FDK has developed new EMI suppression sheets abreast with the advancement of electronics.



## Features

- Wideband EMI noise absorption
- Flexible, easy-to-handle sheets
- Customization options  
(self-adhesive tapes, cut lines, etc.)

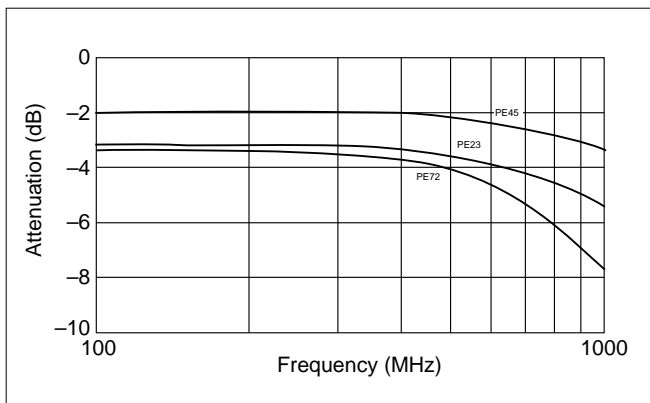
## Applications

- EMI noise suppression from electronic devices.
- Resonance prevention within electronic equipment.

## Characteristics

Product code	PE72	PE23	PE45	PE44
Magnetic material	Metallic soft magnetic	Mn-Zn ferrite	Mn-Zn ferrite	Mg-Zn ferrite
Initial permeability	20	12	10	8
Density (kg/m <sup>3</sup> ×10 <sup>3</sup> )	3	3.4	3.1	3.0
Operating temp. (°C)	-30 ~ +100	-30 ~ +100	-30 ~ +80	-30 ~ +80
Shape	Sheet	297×210mm	300×200mm	297×210mm
	Roll		200mm (W)×15m	310mm (W)×22m
Thickness	0.25mm, 0.5mm, 1.0mm	1.0mm	0.4mm	0.4mm

## Nearfield decoupling performance



## Nearfield decoupling

Measurement diagram

