

Under Development

Soft ferrite material

# Flexible Ferrite Sheet for Electromagnetic Shield [TES series]



## OVERVIEW

TODA KOGYO's TES series are electromagnetic shielding sheets that can shield noises from both electric and magnetic fields in a wide frequency band from 100kHz to several 100MHz. TES contribute to preventing of component malfunctions since they effectively shield the noises caused by electromagnetic fields from in-vehicle electronic components.

## FEATURES

**Excellent electromagnetic shielding property**

TES show high shielding property over 20dB for noises from both magnetic and electric fields.

**Effective shielding performance in a wide frequency band**

TES show superior shielding performance from 100 kHz to several 100 MHz.

**Suitable for low profile and weight saving**

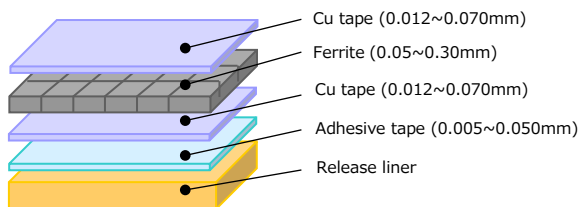
TES are suitable for devices required low profile and weight saving due to their thin thickness design.

## CHARACTERISTICS

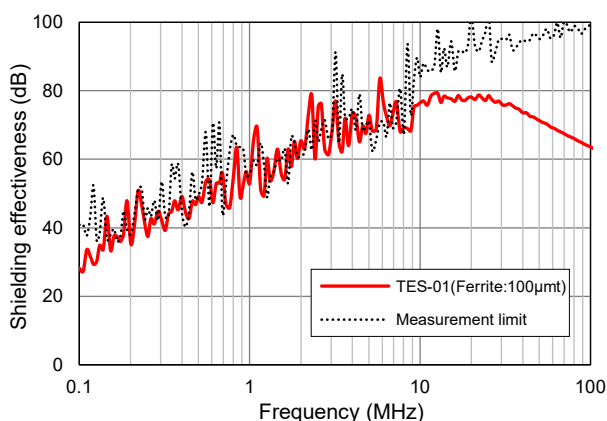
【Typical specifications】

Grade	TES-02
Material	Ni-Zn-Cu ferrite, Cu <sup>※</sup>
Max size(mm)	125x125
Ferrite thickness(mm)	0.05~0.30

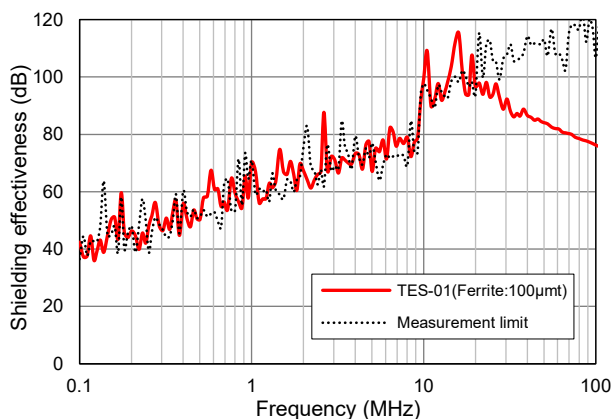
※ Al tape type, which are suitable for weight reduction, can be also supplied.



【Structure of sheet】



【Magnetic field shielding effectiveness by KEC measurement method】



【 Electric field shielding effectiveness by KEC measurement method】

## APPLICATIONS

- Shielding material for noises caused by electromagnetic fields from electronic components

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