

Overview

KEMET Noise Suppression Sheet
FLEX SUPPRESSOR® is effectively designed for high frequency noise that is generated from electronic devices. The flexible sheet is a polymer base, blended with micron-sized magnetic powders dispersed throughout the material. These sheets are effective for electromagnetic wave and resonance suppression and can be cut into a variety of shapes and sizes.

Features

- RoHS compliant
- 1 MΩ/sq. typical surface resistivity
- UL file N° E176124

Part Number System

EFF4 (01)- 240X240 T0800

Adhesive Thickness Code
Blank = No adhesive
T0800 = 0.003 mm
T2900 = 0.01 mm

Size Code

240X240 = 240 mm X 240 mm sheet
240X80 = 240 mm X 80 mm sheet
240X10M = 240 mm X 10 M roll
5X50M = 5 mm X 50 M tape

Thickness Code

01 = 0.1 mm 25 = 0.025 mm
03 = 0.3 mm 50 = 0.05 mm
10 = 1.0 mm 100 = 0.1 mm

Series

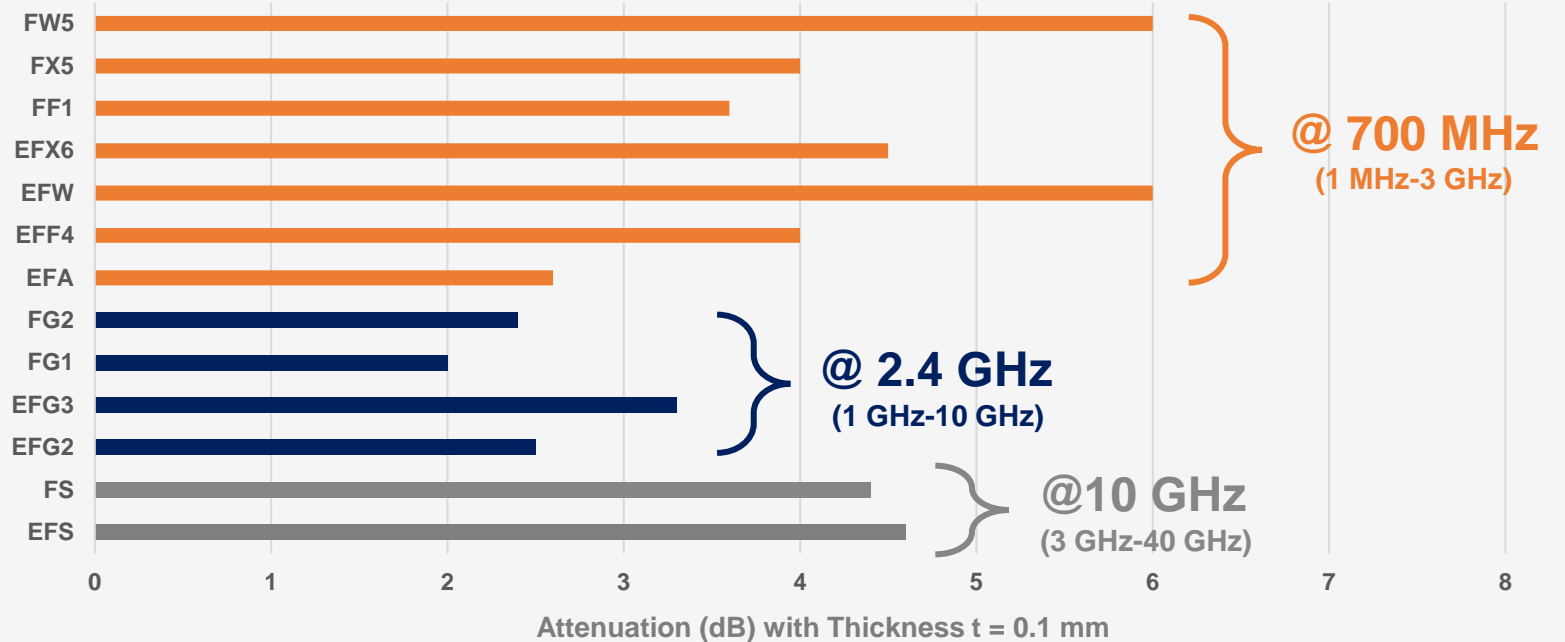
Refer to KEMET datasheets for full details

Electrical Characteristics

- Permeability range from 25 to 250
- Operating temperature from -40°C to 105°C (FF1 & EFF4 125°C)
- Operating frequency from 1 MHz to 40 GHz



Attenuation Characteristics



Applications

Suitable for noise-sensitive applications including:

- Consumer electronics
- Telecommunications devices
- Automotive infotainment
- LTE / Wi-Fi
- LTE / Wi-Fi / 5G
- FM / DVB / GPS / Wi-Fi