

# FLEX SUPPRESSOR®

## 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

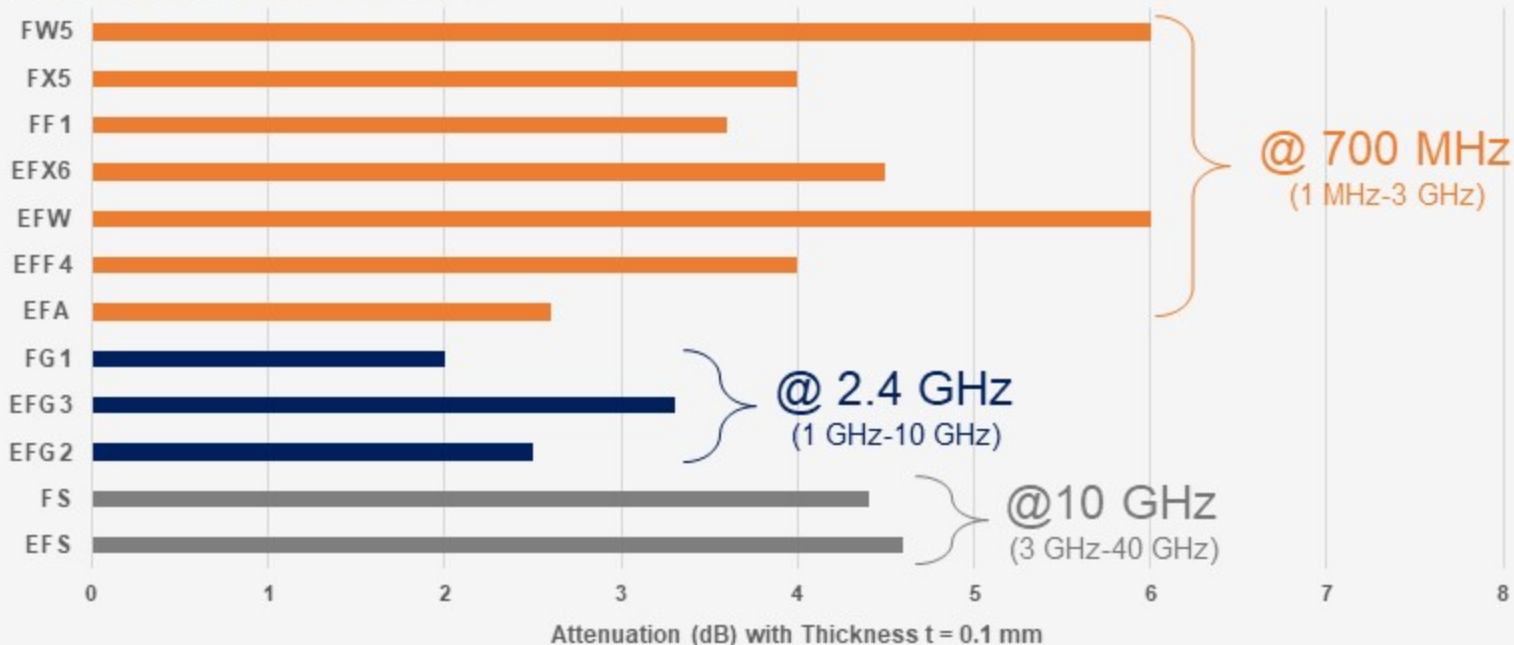
**Series**

## 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