

Technical Data Sheet

Preliminary

T03xx - T30xx EXP EMI Absorber

Features

- Easy to use with a PSA layer
- Good permeability and reliability
- Customizable for thickness, adhesive, and permeability
- RoHS compliant, Halogen free

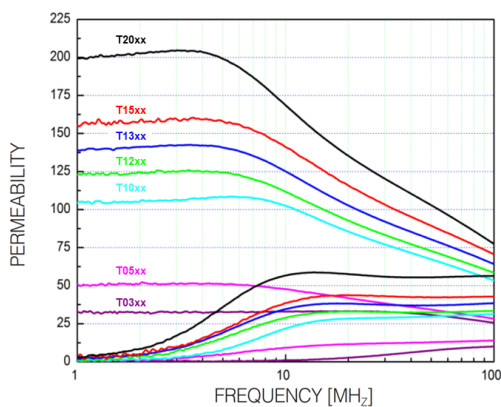
Structure

- Absorber material Polymer with metal powder
- Absorber thickness 0.02 ~ 1.00 mm
- Adhesion type Modified acrylic adhesive
- Adhesive thickness 10, 20, 30, 50, 100 μm

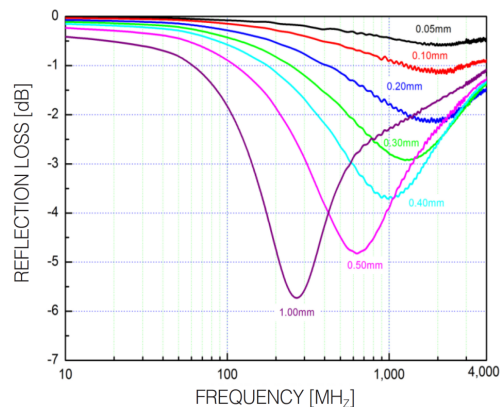
Properties

Product Number	T03xx	T05xx	T10xx	T13xx	T15xx	T20xx	T25xx	T30xx
Permeability	30	50	100	130	150	200	250	300
Density (g/cm ³)	3.7	3.7	3.7	3.9	3.9	3.9	4.1	4.2
Surface resistance (Ω/in^2)	1×10^6	1×10^6	1×10^6	1×10^6	1×10^6	1×10^5	1×10^5	1×10^5
Temperature range	- 20 ~ 85 °C							
Standard size	340 mm by 340 mm (Sheet)							

Permeability for T03xx-T30xx EXP



Reflection Loss (T15xx EXP)



Applications

- EMI noise suppression
- WPC (Wireless Power Charging) components
- RFID (Radio Frequency Identification) components

NOTES: The data and recommendations related to the products above are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, the user must evaluate it and determine if it is suitable for the intended application. Pente-m Solutions, LLC. makes no warranties for suitability of a particular purpose. User is responsible for determining whether the product is appropriate for a particular purpose and suitable for user's application. Please note that many factors can affect the use and performance of a product in a particular application. For additional information or support, please contact us.