

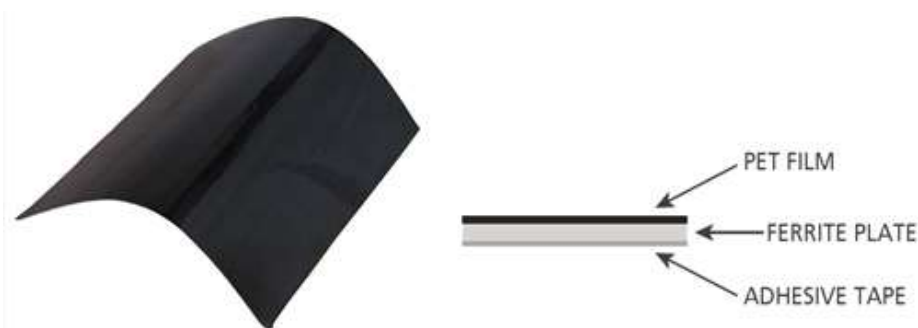


# 38M4010AA1212



Part Number: 38M4010AA1212

Material Grade	M4
Sheet Size	120 x 120 mm
Ferrite Thickness	0.1 mm
Total Thickness	0.13 mm



	Typical Shielding Effectiveness (dB): Test Method as noted → **, ***					
PARTNUMBER	Material	1MHz**	6.78MHz**	13.56MHz**	100MHz***	300MHz***
38M4010AA1212	M4	5.8	6.1	6.1	4	1.8

\*\* Shielding Effectiveness (SE) at 1 -50MHz : measured using IEC 6233-2 Rde Inter Decoupling Ratio method (loop to loop distance= 6mm).

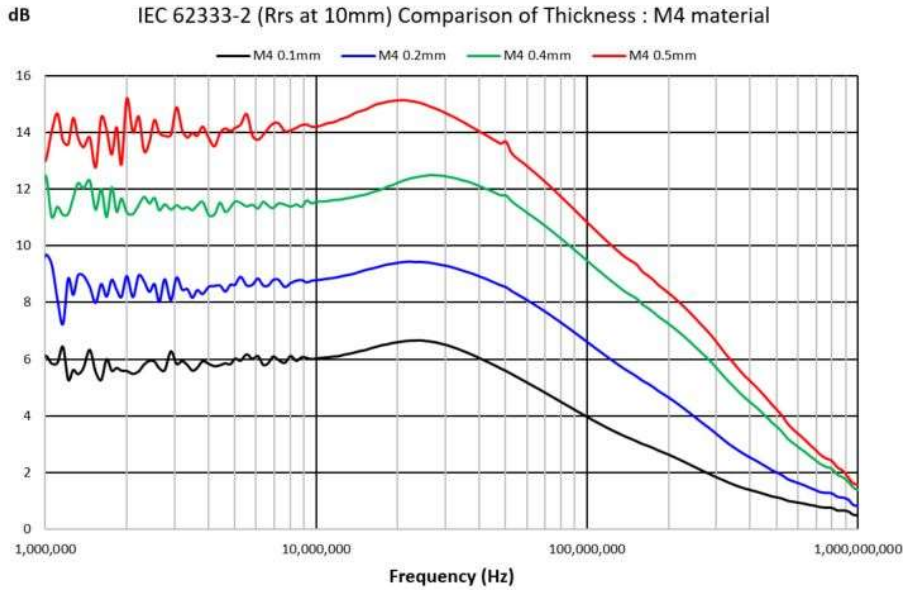
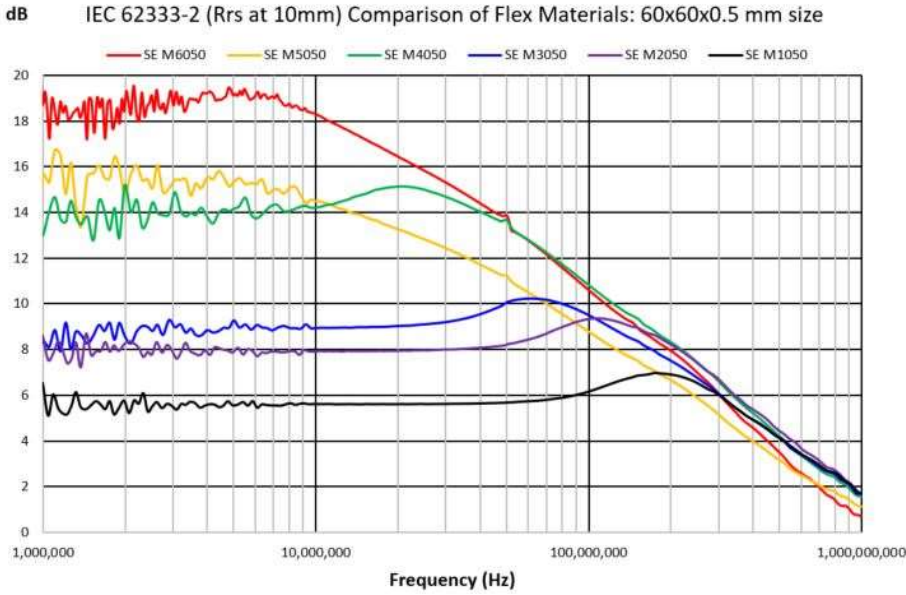
This method is meaningful as a measure of decoupling effectiveness circuit to circuit or to metal surfaces (plane to plane).

\*\*\* Shielding Effectiveness (SE) at 100MHz+ : measured using IEC 6233-2 Rrs Radiation Suppression Ratio method (50-ohm Microstripline).

This method is meaningful as a measure of shielding for radiated emissions of “antennas”.

**Equipment Used:**

E5072A Vector Network Analyzer (30kHz – 8.5 GHz)  
 HP4291A RF Impedance/Material Analyzer (1MHz-3GHz)  
 E4991A with 16453A Dielectric Test Fixture  
 HP4284A for Temperature testing  
 25mm diameter slotted loop antennas  
 50-ohm Micro-Stripline Test Fixture



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