

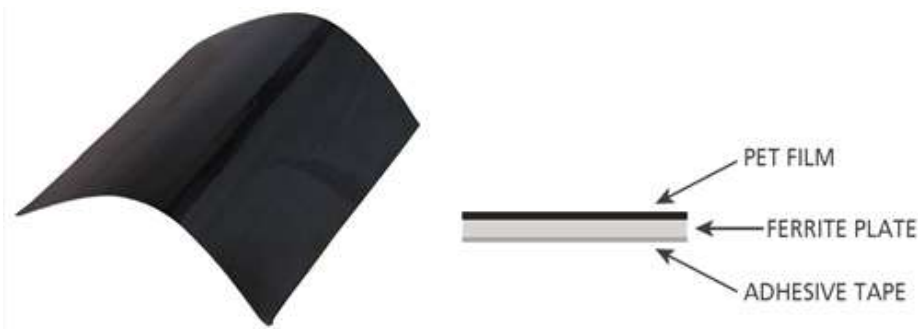


38M6010AA1212



Part Number: 38M6010AA1212

Material Grade	M6
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***
38M6010AA1212	M6	10	10.2	8.9	4.4	1.9

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

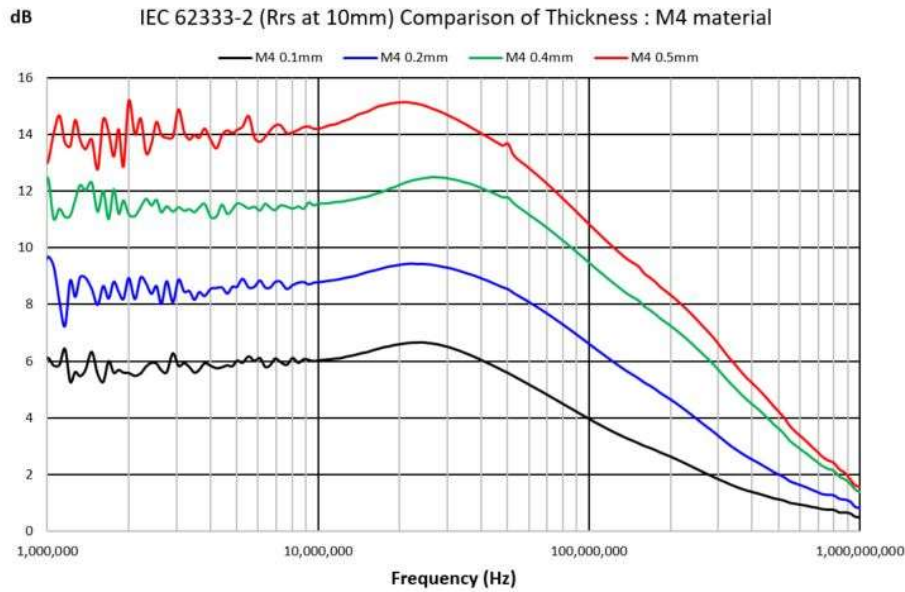
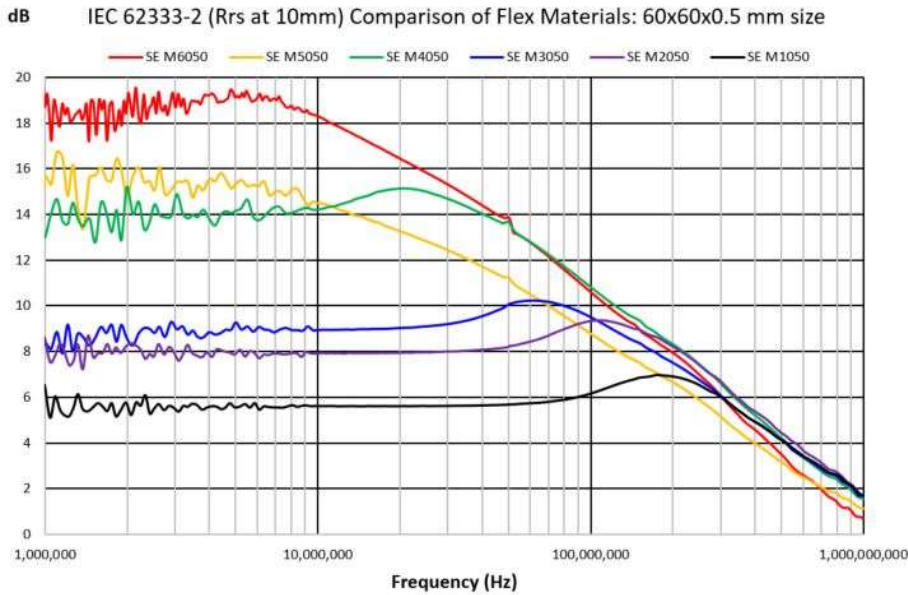
This method is meaningful as a measure of decoupling effectiveness circuit to circuit or to metal surfaces (plane to plane).

*** 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



Fair-Rite Products Corp. • One Commercial Row, Wallkill, New York 12589-0288
 888-324-7748 • 845-895-2055 • Fax: 845-895-2629 • ferrites@fair-rite.com • www.fair-rite.com