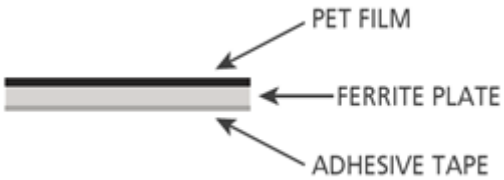
Fair-Rite Products Corp.
Your Signal Solution®

38M4020AA1212(0000000000)

Part Number: 38M4020AA1212

Material Grade	M4
Sheet Size	120 x 120 mm
Ferrite Thickness	0.2 mm
Total Thickness	0.23 mm





Weight: (g)

Chart Legend

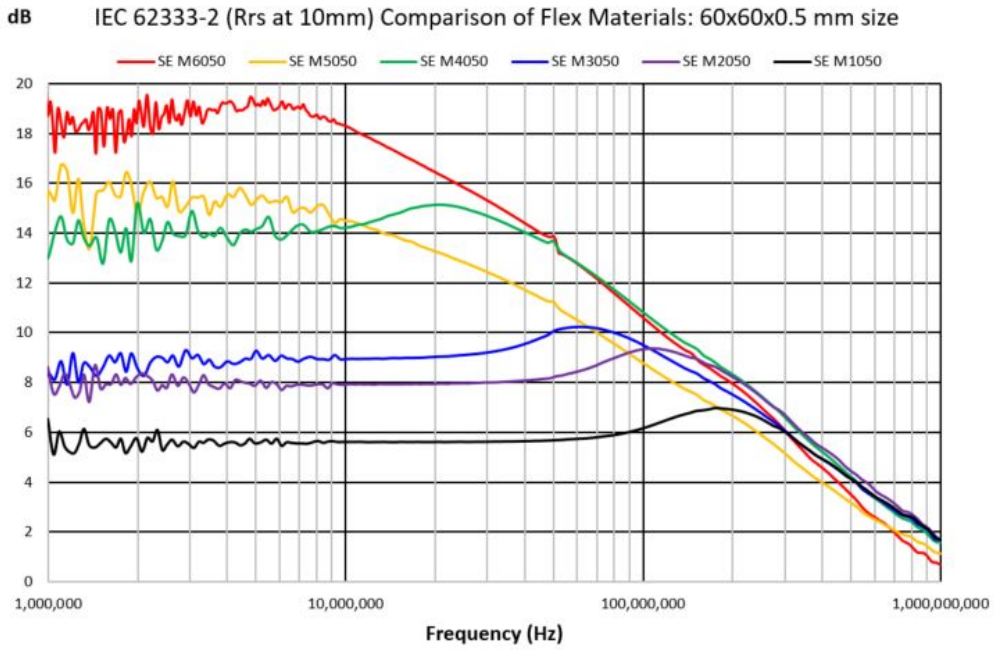
Dim	mm	mm tol	nominal inch	inch misc.
A		_		

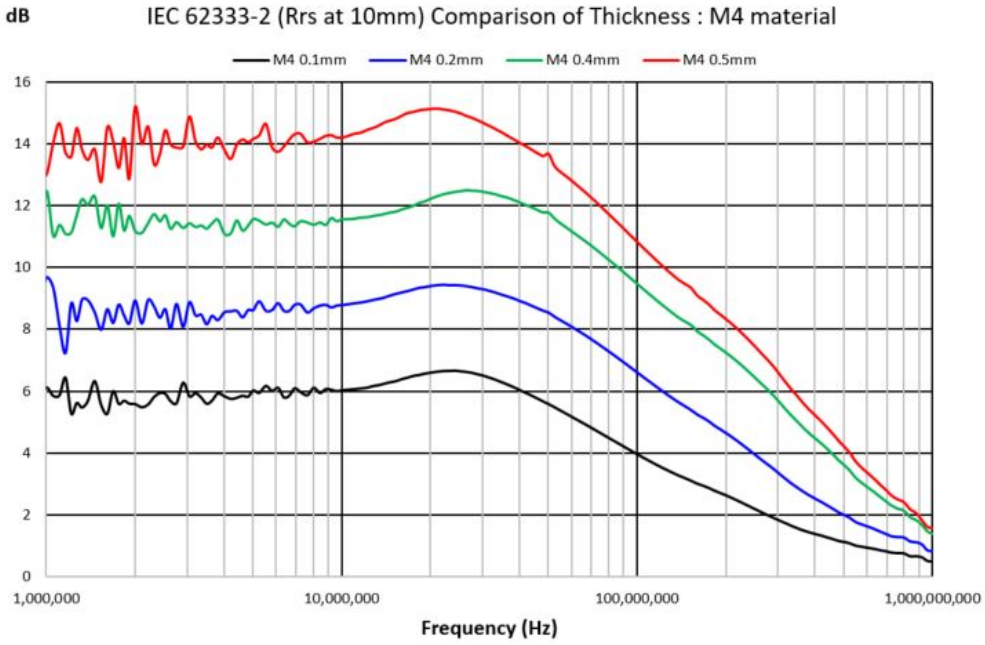
	Typical Shielding Effectiveness (dB): Test Method as noted –> **, ***					
PARTNUMBER	Material	1MHz**	6.78MHz**	13.56MHz**	100MHz***	300MHz***
38M4020AA1212	M4	9.5	8.6	9	6.6	3.1

** 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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