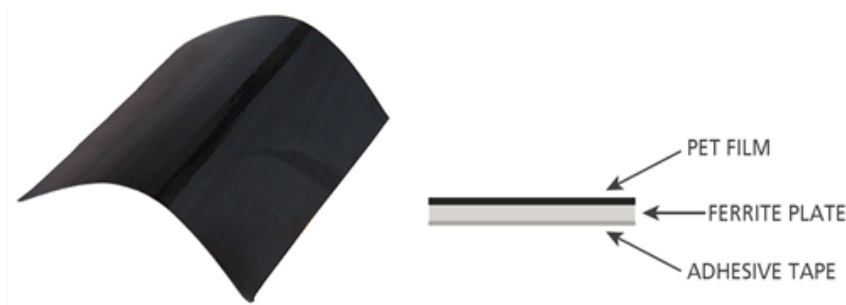


# 38M4040AA0606

Part Number: 38M4040AA0606

Material Grade	M4
Sheet Size	60 x 60 mm
Ferrite Thickness	0.4 mm
Total Thickness	0.43 mm



	Typical Shielding Effectiveness (dB): Test Method as noted – > **, ***					
PARTNUMBER	Material	1MHz**	6.78MHz**	13.56MHz**	100MHz***	300MHz***
38M4040AA0606	M4	12	11.3	11.7	9.3	5.6

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

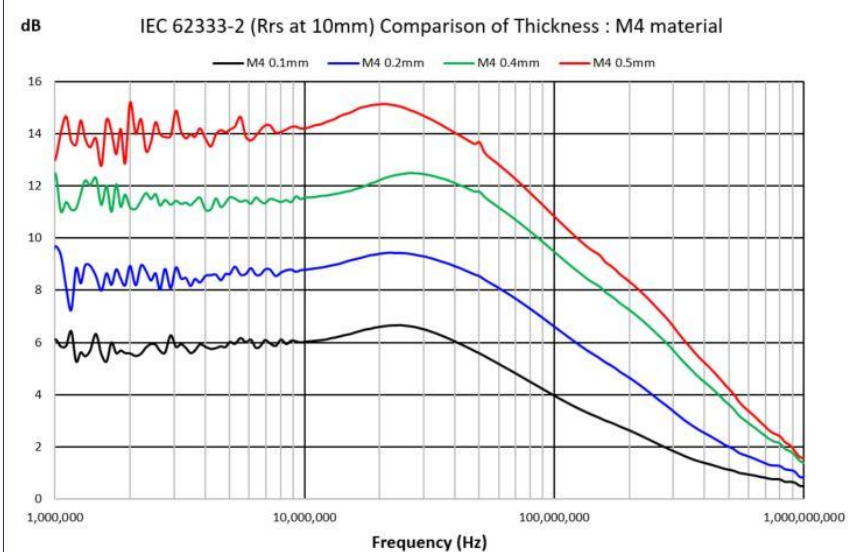
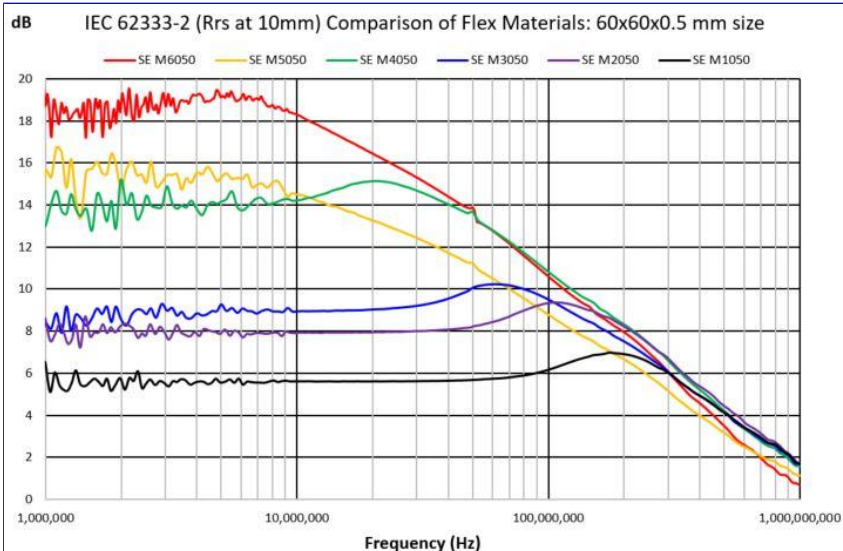
This method is meaningful as a measure of decoupling effectiveness circuit to circuit or to metal surfaces (plane to plane).

\*\*\* 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 • [\[email\\_protected\]](mailto:[email_protected]) • [www.fair-rite.com](http://www.fair-rite.com)