

VieTape EMI70 Series

EMI MATERIAL

DESCRIPTION

VieTape EMI70 Series microwave absorber can be applied to metal surfaces to attenuate RF surface currents and dampen microwave cavity resonances due to the absorbers high permittivity and permeability as well as high loss. It can be used to modify antenna patterns, lower the Q of a cavity, act as a transmission line.

APPLICATIONS

- Consumer electronics: Mobile phones, laptops, TVs, etc.
- Medical devices: MRI machines, pacemakers, hearing aids, etc.
- Industrial equipment: Robots, motor controllers, inverters, etc.
- Automotive: Electronic systems, entertainment systems, safety systems, etc.

TYPICAL PERFORMANCE PROPERTIES

Vietape EMI70 Series	Color	Thickness (mm)	Density (g/cm ³)	Hardness (Shore A)	Tensile Strength (MPa)	Elongation (%)
EMI70-062	Dark Grey	0.62	3.4	60	>2	>50
EMI70-065	Dark Grey	0.65	3.4	60	>2	>50
EMI70-115	Dark Grey	1.15	3.1	45	>2	>100
EMI70-127	Dark Grey	1.27	3.8	45	>1.5	>100
EMI70-190	Dark Grey	1.90	4.4	60	>1.5	>100
EMI70-250	Dark Grey	2.50	4.4	60	>1.5	>100



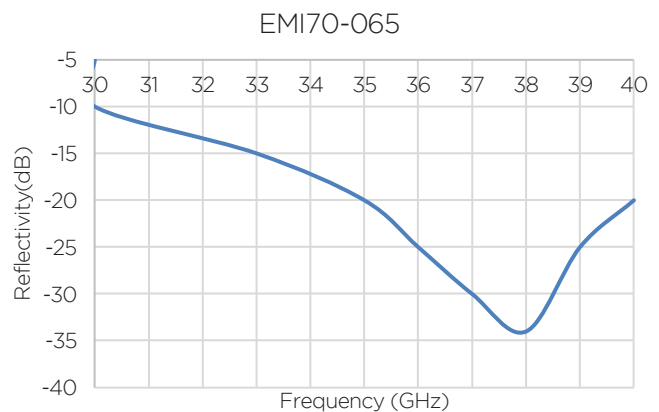
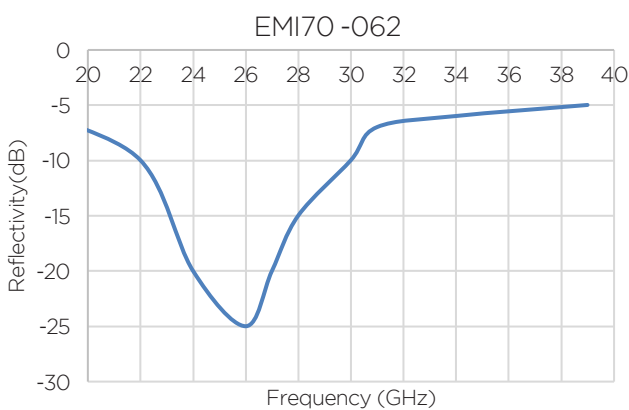
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Vietape EMI70 Series	Volume Resistivity (Ohm-cm)	Flame Retardant	Operating Temperature (°C)	RoHS compliant	Frequency range (GHz)
EMI70-062	10 ¹⁰	Meet UL94V0	-40 to 120	Yes	18 - 40
EMI70-065	10 ¹⁰	Meet UL94V0	-40 to 120	Yes	18 - 40
EMI70-115	10 ¹⁰	Meet UL94V0	-40 to 120	Yes	1 - 18
EMI70-127	10 ¹⁰	Meet UL94V0	-40 to 120	Yes	1 - 18
EMI70-190	10 ⁸	Meet UL94V0	-40 to 120	Yes	1 - 18
EMI70-250	10 ⁸	Meet UL94V0	-40 to 120	Yes	1 - 18

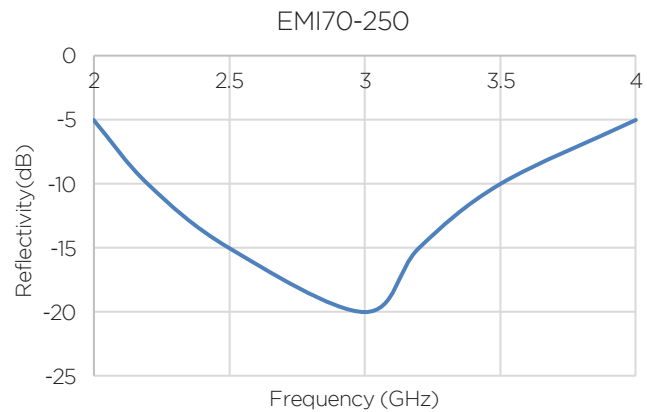
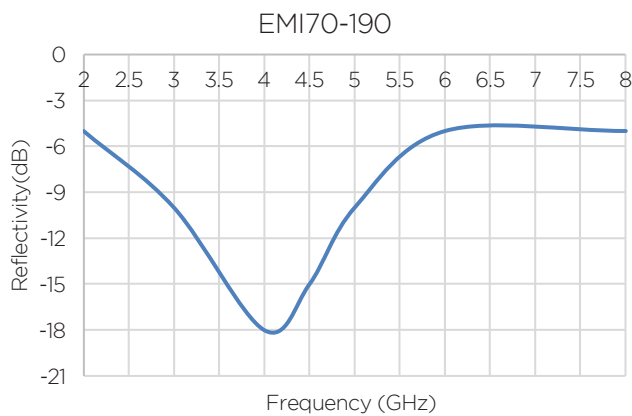
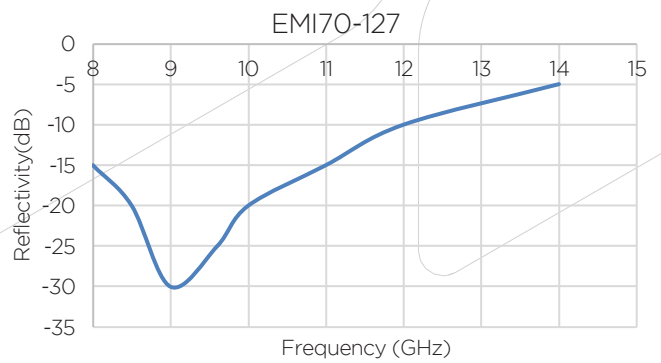
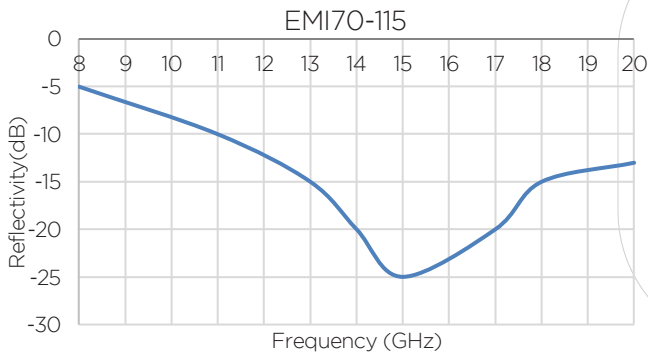
TEST RESULT



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The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part

