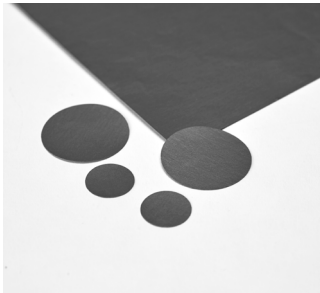


# EMI ABSORBER WAM-30, 50, 70, 100

## DATASHEET



### FEATURES

- Non-conductive, wave absorbing, reduces EMI and RF noise, High performance & permeability, polymer filled with magnetic particles eliminating High Frequency EMI
- Thicknesses range from 0.1 - 1.0mm in sheet form, with or without PSA
- Accurate conversion into gaskets.
- Non-conductive, can be used safely in PCB applications.

### APPLICATIONS

- Position directly onto noisy RF IC's or attach to specific PCB areas.
- Fix inside Board Level Shields or enclosures to improve shielding.
- Wrap around cables or position on Flexible Flat Cables and Flexible Printed Circuits to reduce EMI noise.

PROPERTIES	TEST METHOD	UNIT	EMI ABSORBER WAM-30, 50, 70, 100
Absorber Sheet	-	-	Polymer
Tensile Strength	ATM-D412	Mpa	4.6
Relative $\mu'$	1MHz	-	30, 50, 70, 100
Operating Temp	EM344	°C	-25 to 85
Surface Resistance	Typical	$\Omega$	$1.6 \times 10^5$
Gravity ( $\pm 0.5$ )	ASTM-D792	g/cc	3.05
Apply Frequency	Typical	GHz	0.5 to 8.0
Dielectric Strength (DC)	5mm (0.1mA/1mA Leakage)	V	400
Thermal Conductivity	ASTM-D5470	W/mk	0.6
Adhesion Strength	ASTM-D1000	Kgf/inch	>1.0
Thickness ( $\pm 10\%$ )	ASTM-D374	mm	0.1 to 1.0
Flame Retardant	UL94	-	V0
ROHS	-	-	ROHS Compliance

### NOTES

- Customised shapes are available
- The above performance data is tested in an environment of 70% humidity, temperature 25 °C
- This data is intended for reference purposes only. It is recommended that the material is tested to fully evaluate its performance ensuring it is fit for purpose.

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