

Heat Conducting Magnetic Sheet Liqualloy™ (with Noise Suppression)

HMFTW Series

NEW
2009

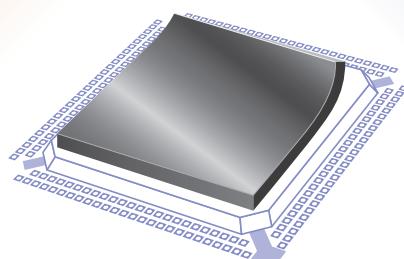
Dual function on 1 sheet



Heat
Radiation

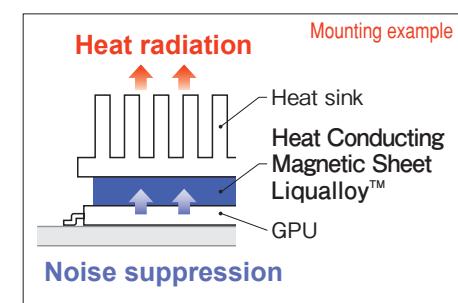
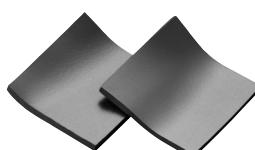


Noise
Suppression



Multi-functions of heat conduction and noise suppression in one device through our original magnetic material technology. The best heat and noise solutions for GPU/CPU optimum performance.

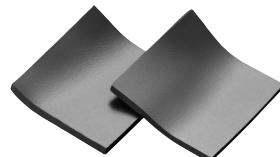
- Superior noise suppression in a wide frequency range from 10MHz to 5GHz.
- Low molecule siloxane compatible (20 ppm max.)
- Flame resistance of 94V-0.
- Complies with the RoHS Directive.



RoHS Directive: Restriction of the use of certain Hazardous Substances in electrical and electronic equipment.

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Applications

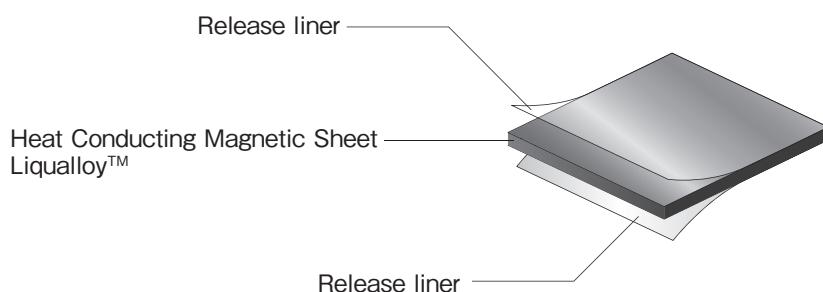
Flat panel TVs, car navigation systems, notebook PCs, etc.

Typical Specifications

Items	Specifications
Frequency range	10MHz to 5GHz
Operating temperature range	-40°C to +150°C
Specific gravity	3.4g/cm ³
Hardness	E40
Volume resistance	1.0×10 ¹³ Ω·cm
Thermal conductivity	1.2W/mk(Hot-wire method)
Initial permeability(μ')	10
Low molecule siloxane	20 ppm max.
Flame resistance	94V-0
Maximum dimensions	100mm×100mm
Standard thickness	1mm, 2mm, 3mm

Structure

Remove release liners before use.



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5. The contents of this catalog are according to Alps Electric as of January 2009.
6. This catalog is valid until the end of December 2009.

Inquiries about products

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