# Heat Conducting Magnetic Sheet
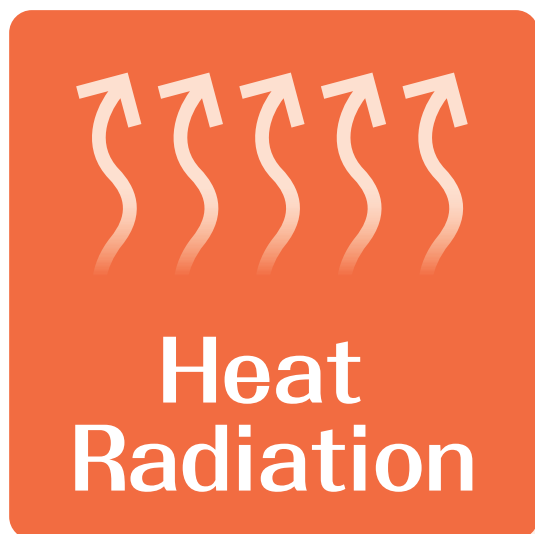# Liqualloy™ (with Noise Suppression)
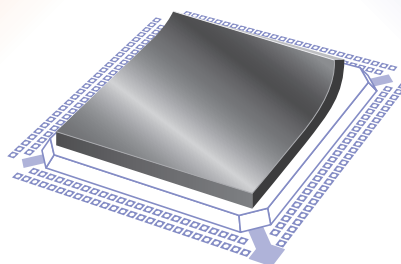
**HMFTW** Series

**NEW 2009**

# Dual function on 1 sheet
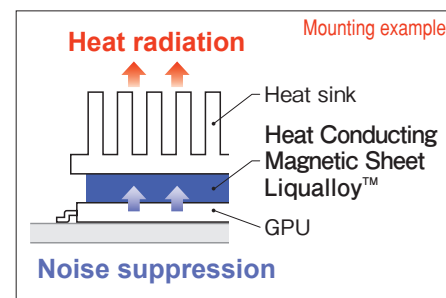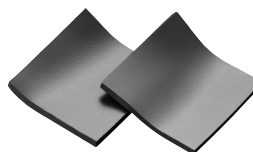
**Heat Radiation**

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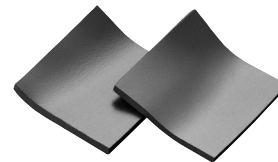
- Superior noise suppression in a wide frequency range from 10MHz to 5GHz.
- Low molecule siloxane compatible (20 ppm max.)
- Flame resistance of 94V-0.
- Complies with the RoHS Directive.

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

Mounting example

**Heat radiation**

Heat sink

Heat Conducting Magnetic Sheet Liqualloy™

GPU

**Noise suppression**

# Heat Conducting Magnetic Sheet Liqualloy™ (with Noise Suppression)

## HMFTW Series

**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.**
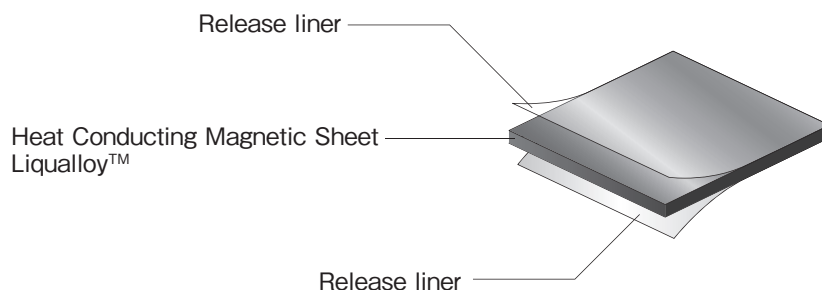
## Applications

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

## Typical Specifications

| Items | Specifications |
|---|---|
| Frequency range | 10MHz to 5GHz |
| Operating temperature range | −40℃ to +150℃ |
| Specific gravity | 3.4g/cm³ |
| Hardness | E40 |
| Volume resistance | $1.0×10^{13}Ω·cm$ |
| Thermal conductivity | 1.2W/mk(Hot-wire method) |
| Initial permeability（$\mu$'） | 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.

Release liner

Heat Conducting Magnetic Sheet
Liqualloy™

Release liner

# Mouser Electronics

Authorized Distributor


Click to View Pricing, Inventory, Delivery & Lifecycle Information:


[ALPS](#):
  [HMFTW2004A](#)