

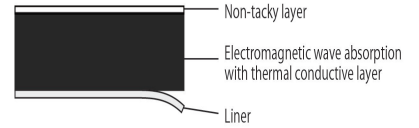
Thermal conductive sheet available for EMC noise suppression in broad frequency band

Feature

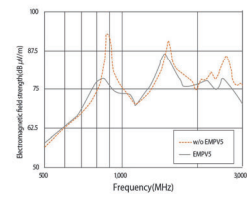
- Original composition is realized EMC noise suppression in broad band from 500MHz to 3GHz.
- Because of a non-silicon material, siloxane is not contained.
- Oil bleed is less, compared with silicone type.

| Test type | Unit | Standard | EMPV5-F |
|-------------------------|--------------|------------------------------|-----------------------------------|
| Thermal Conductivity | W/m-K | ISO22007-2 (Hot-disk method) | 0.8 |
| Color | — | — | Black |
| Thickness | mm | — | 1.0 / 1.5 / 2.0 / 2.5 / 3.0 / 3.5 |
| Hardness | ASKER C | JIS K 7312 | 30 |
| | Shore 00 | ASTM D 2240 | 60 |
| Volume Resistivity | Ω -cm | JIS K 6911 compliant | 1.0×10^{11} |
| Breakdown voltage | kV/mm | JIS C 2110-1 compliant | 8.8 |
| Withstanding voltage | kV/mm | JIS C 2110-1 compliant | 5.0 |
| Flammability | — | UL94 | V-0 equivalent |
| Permeability (at 10MHz) | — | — | 7 |
| Operating temperature | $^{\circ}$ C | — | -40 ~ 110 |

※The values are measured data for reference, not guaranteed.



● Test result in Equipment



Electromagnetic noise suppression sheets

Used for RFID/NFC

Used for wireless charging

Magnetic shielding sheet