

RECOMMANDATIONS FOR USE

Thermal PAD reinforced with glass-fibre:

The sides reinforced with glass-fibre cloth must be applied on the heat spreader or on the flattest surface of the assembly.

Material with adhesive:

- The adhesive surface must always be applied on the heat spreader side or on the flattest surface.
- It is necessary to ensure that the surface of the parts to be glued is as clean and dry as possible so as to guarantee better contact and better adhesion.
- Pressure must be applied for one or two minutes when applying the material
- The shelf life of the material is limited to 12 months, in its original packaging, away from UV rays, at a temperature of between 63°F and 77°F and with relative humidity of 50 to 70%.

Cleaning surfaces:

- By mechanical cleaning (increases the roughness of the support).
- By chemical cleaning, which must be carried out with a solvent suitable for the support (alcohol, petrol, ether, acetone).

Application conditions:

The material must be applied (ideally) at a temperature of between 65°F and 86°F.

Recommended compression:

10 to 50%. Ideally, the material should be compressed to 25% of its height.

Storage conditions:

Products	Storage temperature	Relative humidity	Shelf life
Thermal PAD	32°F to 95°F	50% to 70%	24 months
Thermal interface	32°F to 95°F	50% to 70%	24 months
Graphite Interface	32°F to 95°F	50% to 70%	24 months
Phase change	63°F to 77°F	50% to 70%	12 months
Thermal paste	32°F to 95°F	50% to 70%	12 months
Thermal grease	32°F to 95°F	50% to 70%	24 months
Thermal adhesive	63°F to 77°F	50% to 70%	12 months

Tolerances :

Thickness (inch)	Thickness tolerances (inch)	Dimensions tolerances (inch)
< 0,02 *	±0,002*	±0,012*
0,01 at 0,04	±10%	±0.02
0,05 at 0,08	±10%	±0.04
0,09 at 0,12	±10%	±0.06
0,13 at 0,16	±10%	±0.08
0,17 at 0,20	±10%	±0.10

* only thermal interface