

Thermal pads and thermally conductive adhesive tapes

SERTEK AND OUR RANGE's TIM

Sertek is ready to reach technical requirements of every single customer in terms of managing heat, thanks to a wide range of adhesives tapes and thermally conductive silicone sheets.

Some of their main features and capabilities are:

- One or two sided thermally conductive adhesive tapes from 0'100mm up to 1mm thickness. 1'2W/mk top value.
- Thermally conductive tapes with or without glasscloth reinforcement. also available in customized slitted rolls or die cut pieces.
- Silicone and ceramic pads based with thermally transfer values from 1'5W/mk up to 16W/mk (graphite)
- Meets UL 94V-0 flame rating

- **Silicone thermal pads can be produced as per custom requirements like thickness (from 0'2mm up to 8mm), hardness, compression, natural self adhesion (tacky) or even with adhesive... we can adapt our formulations to meet your requirements.**
- **Usually they are electrical insulators but we can offer a special range electrically conductive too.**
- **Thermal pads can be reinforced with glasscloth or poliimide film to increase its mechanical strength or its dielectric strength.**
- **Can be supplied in die cut pieces and customized sheets (up to 400 x 400mm.**
- **Silicone foam as compression pads, are also available for batteries (pouch cell).**
- **Phase change Materials available from 0'127mm up to 0'305mm with 0'95W/mk up to 5 W/mk.**

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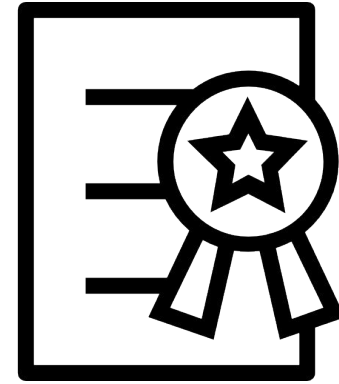
QUALITY

For us the quality of
our products is a
priority



CLIENTS AND SUPPLIERS

Our clients and
suppliers are
priority



CERTIFICATION

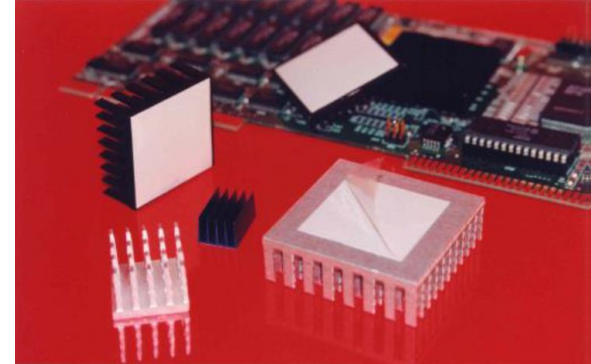
Certification
ISO 9001
ISO 14001

MAIN MARKETS

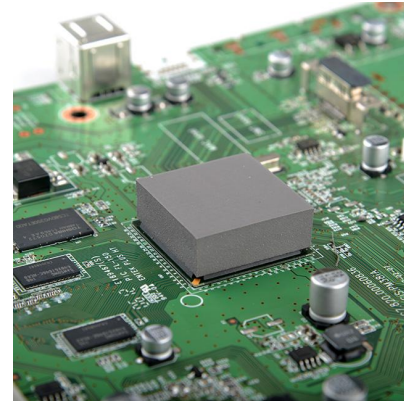
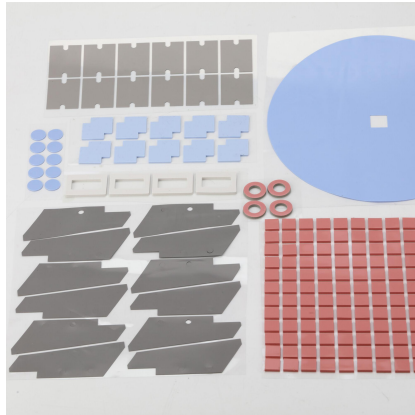
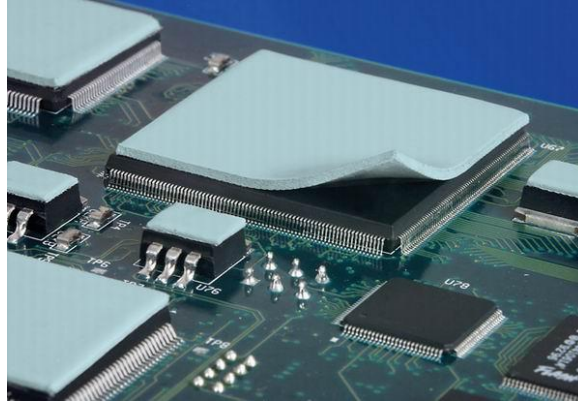
- PCB's producers
- Electronic devices
- Automotive electronics
- Lighting
- E-Movility
- Electrical batteries different applications

THERMALLY CONDUCTIVE TAPES

- Can be supplied in customized slitted rolls and with a thickness of 0.15 / 0.25 / 0.5 / 1 mm (Core 76mm). Other thicknesses under request.
- Pressure sensitive adhesive can stand working temperatures of 130°C
- Also available in die cut pieces or sheets
- Range of thermally conductive adhesive tapes designed to provide preferential transfer heat between electronic components and LEDs, heat generators and cooling devices such as fans, heat sinks or heat diffusers
- **TCS** is single sided adhesive version.
- Developed for applications that require a combination of good heat transfer (1 or 1.2W/mk), dielectric strength, very good adhesion and easy to apply.



THERMAL PADS SKZ , SKTIS, SKHTC RANGE



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