

Double-sided thermal conductive adhesive tape 0.2 mm (for LEDs and heat sinks)

Reference: AM0480
EAN13: -
HS code: 38249996



Product attributes:

Width: 10 mm, 20 mm, 30 mm, 40 mm, 50 mm, 80 mm
Length: 5 m, 25 m

Product features:

Color: White
Max. operating temperature: 120 °C
Thermal conductivity: 1.2 W/mK
Thickness: 0.2 mm

Product description:

Double-sided thermally conductive adhesive tape with a thickness of 0.2 mm is designed for heat transfer between a heat source (e.g. LED module, power element, memory module) and a heat sink or metal chassis. The tape improves contact between surfaces, helps reduce the thermal resistance of the joint, and at the same time allows mechanical fastening without the use of screws or thermal pastes.

Technical specifications

- Type: double-sided thermal conductive adhesive tape
- Thickness: 0.2mm
- Length: 5m or 25m (depending on variant)
- Width: 10mm, 20mm, 30mm, 40mm, 50mm, 80mm (depending on the variant, other widths possible on request)
- Thermal conductivity: 1.2 W/mK
- Operating temperature (min.): -20 °C
- Operating temperature (max.): 120 °C
- Temperature resistance (short term): up to 180 °C
- Electrical properties: electrically insulating

Functions and features

- Provides simultaneous heat transfer and strong adhesion between two surfaces
- Fills minor unevenness between surfaces and improves fit
- Suitable for LED and heat sink applications where clean and fast assembly is required
- Electrically insulating layer to separate the component from metal parts
- Possibility of processing into the desired shape (cutting, punching) according to production technology

Ideal for

- Fixing and cooling LED modules and LED strips on aluminum profiles
- Bonding small heat sinks to integrated circuits and power components
- Thermal bonding of components to a metal chassis in electronics and appliances
- Service and prototype work where quick assembly without mechanical fasteners is required

Package contents

- 1x double-sided thermally conductive adhesive tape (thickness 0.2 mm) (width and length depending on the variant)

Why choose this product?

- Combines thermal transfer and bonding in one step
- Allows clean assembly without thermal paste and without screws
- Parameters suitable for common cooling applications in electronics
- Electrical insulation helps with safe separation from conductive components

Installation and operating instructions

- Before application, clean and degrease both bonded surfaces to ensure stable adhesion and low thermal resistance of the joint.
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- Press the tape evenly over the entire surface, avoiding air bubbles.
- For maximum heat transfer efficiency, use the largest possible contact area and minimize layer thickness within design capabilities.
- When disassembling, proceed with caution to avoid damaging the components or the finish of the heatsink.

