

Thermally conductive products

Thermiflex® TF 21332

Electrically insulating

Structure: Thermiflex® TF 21332 is a reinforced acrylic foam film with exceptionally good

thermal conductivity.

Properties: Due to its very soft surface texture, Thermiflex® TF 21332 adapts well to the

contact surfaces, minimising the thermal contact resistance and thus the overall thermal transfer resistance. The material therefore fulfils the technical requirements placed on an interface material. Thermiflex® TF 21332 is also

highly flexible and can be installed quickly, cleanly and reliably.

Applications: Thermiflex® TF 21332 is used for thermal connections and electrical insulation

of heat sources. It is used in LED/PDP modules, backlighting, televisions and CPUs in computers. This film also replaces the combination of brittle mica discs

with thermal paste, which is critical for process reliability.

Standard colour: Thermiflex® TF 21332 is supplied in white.

Forms of delivery: Thermiflex® TF 21332 is supplied in moulds and blanks according to customer

specifications, in the form of standard semiconductor housings.

- Production and distribution of electrical insulation materials, thermally conductive products, seals and technical films
- Production of stamped parts, blanks and moulded parts
- Cutting/assembly of films and adhesive tapes
- CNC machining, laser cutting and water jet cutting



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Storage conditions: Thermiflex® TF 21332 should be stored in its original packaging at room

temperature.

Properties	Unit	Value
Adhesive	-	Acrylate
Protective film	-	Paper
Total thickness	mm	0,25
Tolerance	mm	0,1
Foam density	Kg/m³	1500
Tensile Strength	g/cm²	9000
Short-term temperature	°C	+160
Long-term temperature	°C	-30 - +100
Thermal conductivity	W/mK	1,5
Breakdown voltage	kV	3,75
Dielectric strength	kV/mm	15
UV resistance	-	Good

Trademark information: Thermiflex® is a registered trademark of Dr Dietrich Müller GmbH, Germany.

Please note:

The information in this technical data sheet is based on our current knowledge and experience. Due to the wide range of possible influences during application, it does not exempt the processor and user from carrying out their own tests and trials. A legally binding guarantee of certain properties or suitability for a specific application cannot be derived from our information. Depending on the individual case, we recommend consulting us. The recipient of our products is responsible for observing any industrial property rights and existing laws.

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