

Thermally conductive products

Thermiflex® TF 21329

Electrically insulating

Structure: Thermiflex® TF 21329 is a reinforced acrylic foam film with exceptionally good thermal conductivity.

Properties: Due to its very soft surface texture, Thermiflex® TF 21329 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 21329 is also highly flexible and can be installed quickly, cleanly and reliably.

Applications: Thermiflex® TF 21329 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 21329 is supplied in white.

Forms of delivery: Thermiflex® TF 21329 is supplied in moulds and blanks according to customer specifications, in the form of standard semiconductor housings.

Thermiflex® TF 21329

Storage conditions: Thermiflex® TF 21329 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/m ³	1500
Tensile Strength	g/cm ²	9000
Short-term temperature	°C	+160
Long-term temperature	°C	-30 - +100
Thermal conductivity	W/mK	0,6
Breakdown voltage	kV	3,75
Dielectric strength	kV/mm	15
UV resistance	-	Good

Dr. Dietrich Müller GmbH

Thermiflex® TF 21329

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.

Dr. Dietrich Müller GmbH