tesa® 58399

Product Information

tesa® 58399 800 µm thermal conductive tape

Product Description

tesa® 58399 800 µm thermal conductive tape

Product Features

- This product is equipped with special acrylic adhesive that provide certain thermal conductivity when it applies between heat source and heat sink.
- It has good performance on polar substrates.

Application Fields

Applied between heat source and heat sink to transfer the heat.

- Battery module cooling plate mounting
- Power electronics unit
- FPC and PCB

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

• Backing	none	• Color	white
• Type of adhesive	acrylic	• Color of liner	white
• Type of liner	PE-coated paper	• Thickness of liner	127 µm
• Total thickness	800 µm		

Product Assortment

• Available thicknesses	800 µm	• Available formats	Log roll, A4 sheet
• Available colors	white	• Available liners	paper

Properties/Performance Values

• Breakdown voltage	11 KV	• Temperature resistance (-40°C)	very good
• Density	1.5 g/cm^3	• Temperature resistance (125°C)	very good
• Flame retardancy	V2	• Temperature resistance short term	150 °C
• Hardness - Shore 00	75 STK		
• Release of liner	easy	• Thermal conductivity z-direction	1.3 W/mK

For latest information on this product please visit http://l.tesa.com/?ip=58399

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Adhesion to Values

- Steel (initial) 4.5 N/cm
- Steel (20min @ RT, 90°) 4.5 N/cm

Additional Information

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Thermal conductivity tested according to ISO 22007-2:2022.

Disclaimer

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