tesa® 58399

Product Information

tesa® 58399 800 µm/31.5 mils thermal conductive tape

Product Description

tesa® 58399 800 µm/31.5 mils 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 5 mils
• Total thickness	800 µm 31.5 mils		

Product Assortment

• Available thicknesses	800 µm 31.5 mils	• Available formats	Log roll, A4 sheet
		• Available liners	paper
• Available colors	white		

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 302 °F
• 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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Product Information

Adhesion to Values

• Steel (initial)	4.5 N/cm 41.1 oz/in	• Steel (20min @ RT, 90°)	4.5 N/cm 41.1 oz/in

Additional Information

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Disclaimer

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