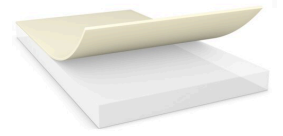




# tesa® 58395

## Product Information



tesa® 58395 250µm/9.8 mil thermal conductive tape

### Product Description

tesa® 58395 is a 250um/9.8 mil thermally conductive transfer tape.

This product is equipped with special acrylic adhesive that provide certain thermal conductivity when it applies between heat source and heat sink. Besides that, it has good mounting performance on polar substrate.

### Product Features

- It provides certain thermal conductivity with its thermally conductive fillers when it is applied between heat source and heat sink to transfer the heat.
- It has very good bonding performance on polar substrate.

### 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	250 µm		5 mils
	9.8 mils		

### Product Assortment

• Available colors	white	• Available thicknesses	250
• Available formats	Log roll, A4 Sheet		



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## Product Information

### Properties/Performance Values

• Breakdown voltage	4 KV	• Temperature resistance (-40°C)	very good
• Density	1.73 g/cm <sup>3</sup>	• Temperature resistance (125°C)	very good
• Flame retardancy	V2	• Temperature resistance short term	150 °C 302 °F
• Hardness - Shore 00	70 STK	• Thermal conductivity z-direction	0.6 W/mK
• Release of liner	easy		

### Adhesion to Values

• Aluminium (after 3 days)	5.8 N/cm 53 oz/in	• Steel (20min @ RT, 90°)	2.5 N/cm 22.8 oz/in
• Steel (initial)	2.5 N/cm 22.8 oz/in		

## Storage Conditions

### Storage Conditions

- Temperature: from +5 to +30 Degree Celsius
- Relative humidity: from 10% to 90%
- Precautions: protect for direct sun light, do not store outside
- Other storage advices: avoid mechanical impacts and short overheating

## Disclaimer

tesa<sup>®</sup> products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa<sup>®</sup> product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



For latest information on this product please visit <http://l.tesa.com/?ip=58395>