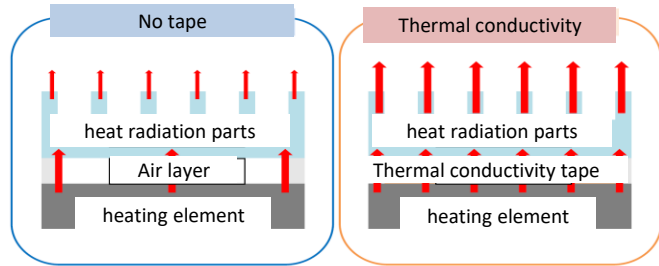


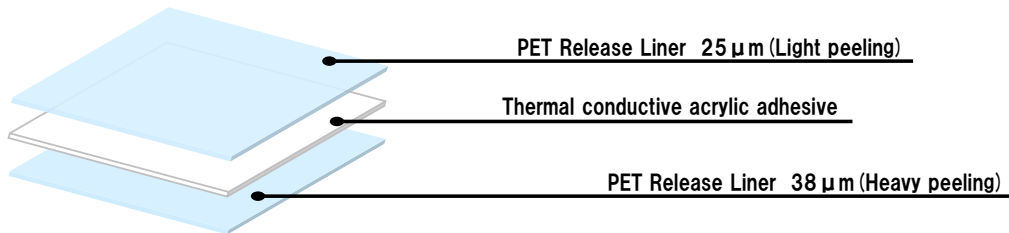
## T-CONDUCTION

### Outline

T-CONDUCTION is substrate-free double-sided adhesive tape using the adhesive having high thermal conductivity. T-CONDUCTION raise heat radiation effect by incorporating it between heating element and the heat radiation parts of various electronic parts.



### Structure



Product Name	Tape Thickness (μm)	Base film (μm)
T-CONDUCTION	50	none

### Properties

#### ◆Basic Properties

			Measured value	Test method
Adhesive Strength (N/25mm)	SUS (BA)	1min.	8.4	•JIS Z1528 •180° Peel •Peel Speed 300mm/min •23°C · 50%RH •Lining material: PET#25
		24Hrs.	13.5	
Thermal conductivity (W/m·K)			2.1	•Based on JIS R2616 •Hot wire method •QTM-500 (Kyoto Electronics Manufacturing Co.,Ltd.)

## Properties

### ◆Adhesive Strength after The Environmental Test

		Measured value	Test method
Adhesive Strength (N/25mm)	23°C · 50%RH × 24hrs.	13.5	<ul style="list-style-type: none"> <li>•JIS Z1528</li> <li>•180° Peel</li> <li>•Peel Speed 300mm/min</li> <li>•23°C · 50%RH</li> <li>•Lining material: PET#25</li> <li>•Adherent: SUS (BA)</li> <li>•cf: Cohesive Failure</li> </ul>
	85°C × 500hrs.	26.0 cf	
	60°C · 95%RH × 500hrs.	26.3 cf	
	85°C × 1000hrs.	27.0 cf	
	60°C · 95%RH × 1000hrs.	28.4 cf	

### ◆Thermal conductivity after The Environmental Test

		Measured value	Test method
Thermal conductivity (W/m·K)	23°C · 50%RH × 24hrs.	2.1	<ul style="list-style-type: none"> <li>•Based on JIS R2616</li> <li>•Hot wire method</li> <li>•QTM-500 (Kyoto Electronics Manufacturing Co.,Ltd.)</li> </ul>
	85°C × 500hrs.	2.1	
	60°C · 95%RH × 500hrs.	2.1	
	85°C × 1000hrs.	1.8	
	60°C · 95%RH × 1000hrs.	1.9	

## Notices

Attach after wiping off oily, dusty and moisture substances on the surface of the adherend you may use.

Give an enough pressure when attaching, under the temperature condition over 10°C as possible.

Store it in a cool, dark place away from direct sunlight.

These data are representative so as not to guarantee for your conditions, nor do they for the wide range of each application described in this technical information.

Examining the compatibility of the adherend material with our product in advance, make a decision of starting to use.

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All information and data in here should be used as a guide.

They do not constitute a warranty of any kind by NEION Film Coatings Corp.