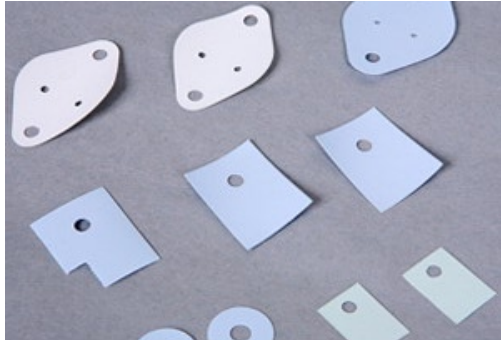


# Thermal Conductive Insulation Material



## Description

JONES-THM Thermal Gap Filler represent a significant improvement in thermal performance and conformability over previous gap fillers and have rapidly achieved industry wide acceptance. Especially JONES-THM Thermal Gap Filler 103 series is specially designed for silicone free.

We offer the softest, highest thermally conductive gap fillers available (in thicknesses from 0.5mm to 5.0mm). Thermal performance and softness is what JONES does best. Contact with us today to discuss your application and order the samples.

## Application

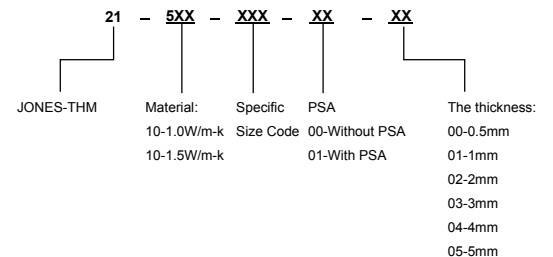
Careful management of thermal interfaces is essential for maintaining the reliability and extending the life of heat-generating electronic devices.

- Handheld microprocessor devices
- Notebook computers
- Servers and desktop computers
- Telecommunication hardware
- Semiconductor test equipment
- Memory modules
- Flat panel displays
- Mass storage devices
- Power conversion equipment
- Audio & video components

## Features

- High thermal conductivity
- Ultra softness
- Silicone Free
- High tack surface reduces contact resistance
- Electrically insulating reinforcement
- UL recognized V0 flammability
- RoHS compliant

## Part Number Specification



# Thermal Conductive Insulation Material

## Material Technical Specification

Typical Properties	510	515	
Color	Pink	Gold	Visual
Reinforcement carrier	Fiberglass	Fiberglass	
Thickness (mm)	0.25	0.127	
Hardness ( Shore A )	65 ± 5	90 ± 5	ASTM D2240
Specific gravity	> 2.0g/cm <sup>3</sup>	> 2.0g/cm <sup>3</sup>	ASTM D792
Tensile Strength ( MPa )	3 ± 0.3	12	ASTM D142
Thermal conductivity(W/m-k)	1.0	1.6	ASTM D5470
Voltage Breakdown	4000	1700	ASTM D149
Operating Temperature Range	-50_250	-60_180	
Flame Resistivity	V-0	V-0	U.L.94
Volume Resistivity (Ohm-meter)	1010	1010	ASTM D257

## Cautions and warnings

### For Adhesive

Keep the attaching surface clean and dry to reach the best effect to adhesive.

The best operating temperature range is 15°C ~35°C . It will be better if the temperature of attaching surface is higher than 10°C . If it has been stucked correctly, generally the low temperature will not affect the constant adhesive effectiveness.