

## JONES-THM Thermal Gap Filler



### Product Description

JONES-THM Series Thermal Gap Fillers are extremely soft and offer high thermal conductivity. They are made by adding heat conductive fillers into silicone rubber. The material is yielding under the components pressure. Even on uneven surfaces it is providing full contact with the component surface to transfer the heat efficiently. It is a solution especially for spatial limited situations. Material thickness can be varied according to customer's demands from 0.5mm to 6.0mm. Contact us today to discuss your application and order free 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
- Power conversion equipment
- Audio & video components

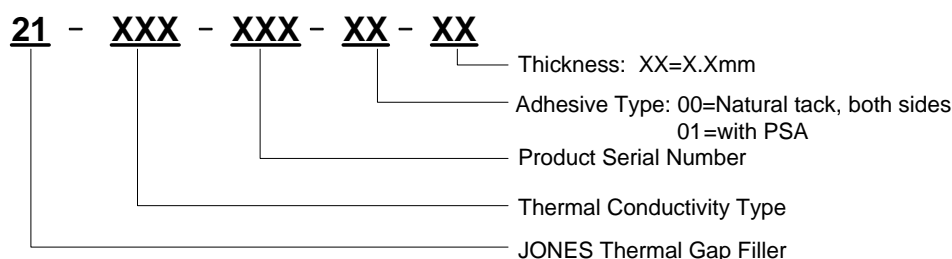
## Features and Benefits

- Thermal conductivity : 1.0 W/mk , 1.5 W/mk , 2.0 W/mk , 2.5 W/mk , 3.0 W/mk
- Ultra softness
- High tack surface reduces contact resistance
- Electrically insulating reinforcement
- UL recognized V0 flammability

## Technical Data

Typical Properties	110	115	120	225	230
Color	Blue	Yellow	Grey	Pink	Green
Specific Gravity	2.3	2.5	2.6	1.3	1.3
Thickness Range, mm (ASTM D374)	0.5-6.0	0.5-6.0	0.5-6.0	0.5-6.0	0.5-6.0
Hardness, Shore 00 (ASTM D2240)	40	40	60	40	40
Temperature Range, °C	-50~200	-50~200	-50~200	-50~200	-50~200
Thermal Conductivity, W/mk (ASTM D5470)	1.0	1.5	2.0	2.5	3.0
Dielectric Strength, KVac (ASTM D149)	>6	>6	>6	>6	>6
Volume Resistivity, ohm-cm (ASTM D257)	10 <sup>13</sup>	10 <sup>13</sup>	10 <sup>13</sup>	10 <sup>13</sup>	10 <sup>13</sup>
Flammability Rating, UL94	V-0	V-0	V-0	V-0	V-0
RoHS Compliant	Yes	Yes	Yes	Yes	Yes
Shelf Life, years from date of manufacture	2	2	2	2	2

## Ordering Information



## 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.