

# Thermal Grease 21-460

Preliminary 201027B

## Description

Jones 21-460 is a thermal interface material developed with high thermal conductivity and low thermal resistance. Good heat dissipation making this a popular choice for high watt density chips like CPUs, GPUs, ASICs, Northbridge chipsets and heat sink.

Jones 21-460 can be easily screen printed and stenciled onto the heat sink or heat spreader. It also provide outstanding reliability while remaining stable through all industry standard reliability testing.



## Benefits

- Excellent Thermal Resistance
- High Thermal Conductivity
- Low Viscosity Allows Easy Application
- RoHs 2.0 Compliant

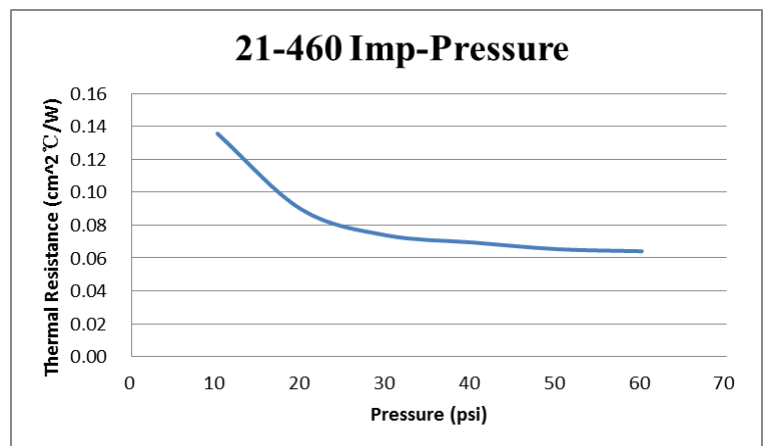
## Applications

- CPUs (Notebooks, PCs, Servers)
- LED Solid State Lighting
- GPUs
- ASICs Chips

## Specifications

PROPERTIES	JONES 21-460	TEST METHOD
Thermal	Thermal Conductivity (W/mK)	6.0
	Thermal Resistance @40 psi (cm <sup>2</sup> °C/W)	0.062
	Service Temperature (°C)	-40~125
Physical	Techonology	Silicone
	Color	Grey
	Viscosity (Pa·s)	690
	Density @25°C (g/cc)	2.4
Regulatory	Flame Rating	V0
	Shelf Life @25°C (Months)	6
	RoHs Compliant	YES

## Thermal Resistance vs Pressure



## Standard Package

Supplied in the package of 1kg.

## Storage Conditions

Temperature < 28°C  
RH 50%  
\* Unopened Original Package

## Declaimers

- The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the issuing date of this TDS. When using our products, no matter what type of equipment they might be used for, be sure to make a written agreement on the specifications with us in advance. The design and specifications in this TDS are subject to change without prior notice.
- Do not use the products beyond the specifications described in this TDS. This TDS explains the typical performance of the products as individual component. Before use, check and evaluate their operations when installed in your products.
- Install the following systems for a failsafe design to ensure safety if these products are to be used in equipment where a defect in these products may cause the loss of human life or other significant damage, such as damage to vehicles (automobile, train, vessel), traffic lights, medical equipment, aerospace equipment, electric heating appliances, combustion/gas equipment, rotating equipment, and disaster/crime prevention equipment.

