



# THE BEST IN CPU HEAT DISSIPATION



LOW  
VOLATILITY

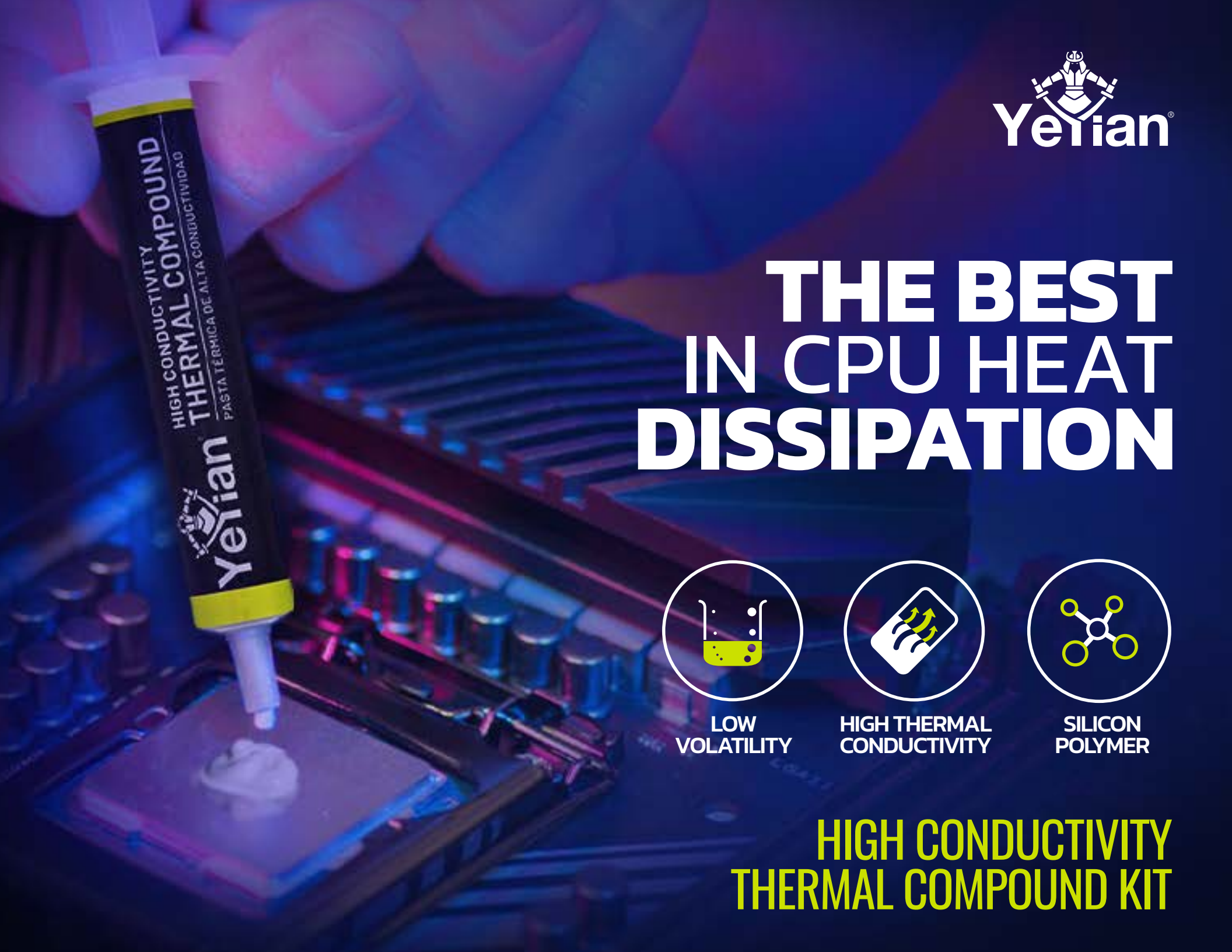


HIGH THERMAL  
CONDUCTIVITY



SILICON  
POLYMER

**HIGH CONDUCTIVITY  
THERMAL COMPOUND KIT**



**THERMAL COMPOUND**

# **THE BEST IN HEAT DISSIPATION**

One-part material; no curing required

High bulk thermal conductivity

Able to achieve very thin BLT

Low thermal resistance

Thixotropic; low slump

Low volatile (solvent-free) composition  
vs competitive thermal compounds



# THERMAL COMPOUND BENEFITS

100%  
SILICON POLYMER



Outstanding thermal management.

Enhanced productivity and precision of assembly operations.

Material remains stable after container is opened; viscosity will not change over time.

Consistent and easy screenprinting.

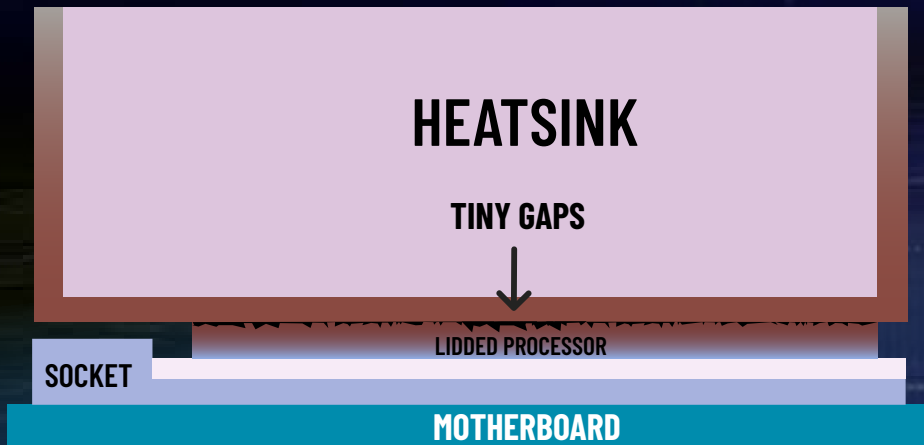


# SPECIALLY-ENGINEERED

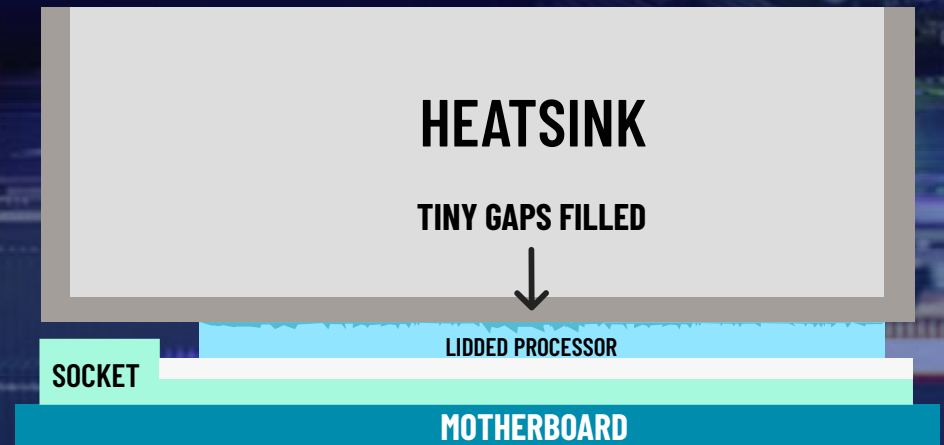
The metal base of the CPU cooler and the Heat-sink of the CPU may look smooth, but these metal plates have microscopic imperfections that can result in poor heat transfer.

The two surfaces aren't in full contact due to those imperfections, so thermal compound fills in those air gaps, allowing for a more efficient transfer of heat.

**NO THERMAL INTERFACE MATERIAL,  
TINY GAPS EXIST.**



**CORRECT USE OF THERMAL INTERFACE  
MATERIAL FILLS THE TINY GAPS.**



# HIGHER THERMAL CONDUCTIVITY

Quality also plays a big part in the lifespan and efficiency of your thermal compound. Poor quality pastes will not be as long-lasting as higher quality alternatives and will need changing more regularly.

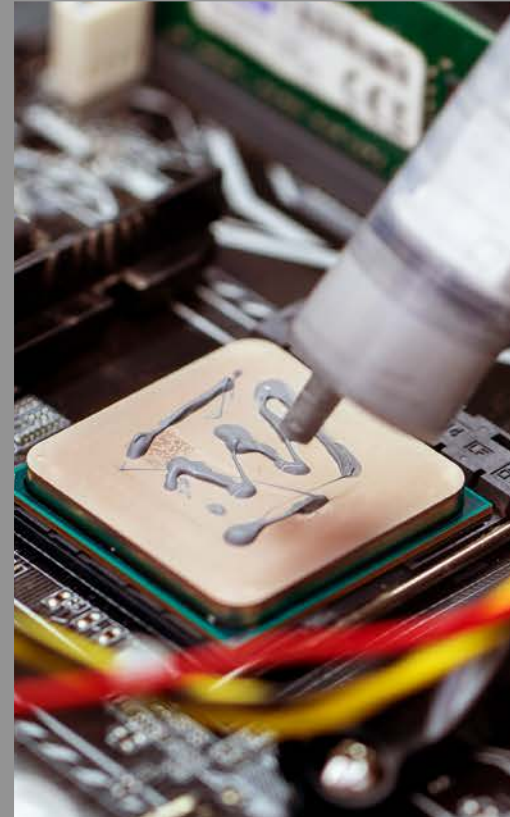
## YEYIAN THERMAL COMPOUND



THERMAL CONDUCTIVITY  
13.5 W/m-k

CPU TEMPERATURE: **67.90°C**

## OTHER BRANDS

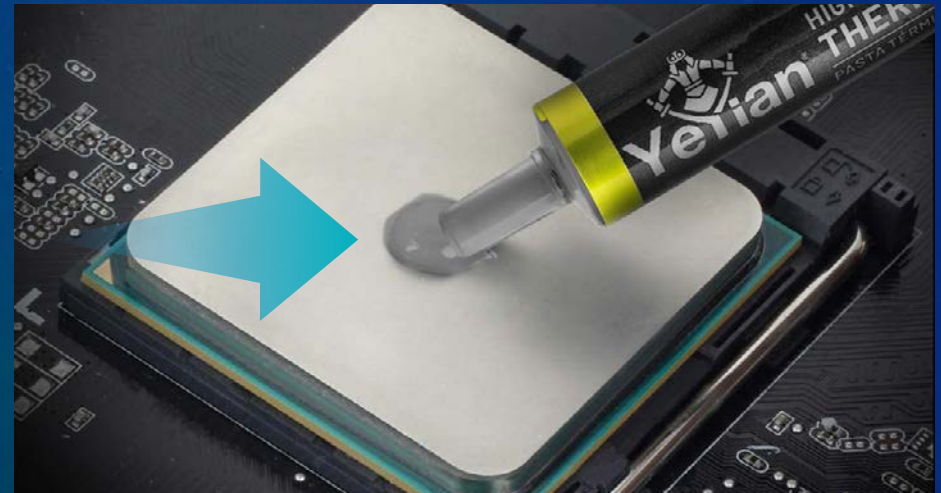


THERMAL CONDUCTIVITY  
11 W/m-k

CPU TEMPERATURE: **71.81°C**

## EASY APPLICATION

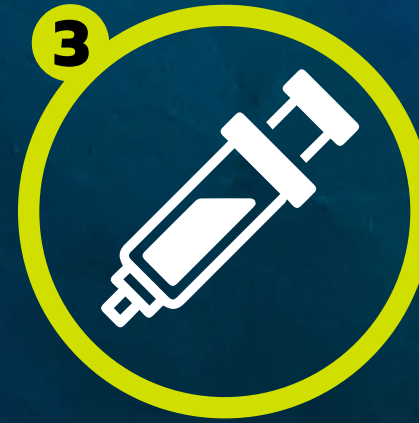
Apply Thermal Compound onto the center of the CPU's Heatsink. You only need to apply a small amount — roughly the size of a grain of rice or a pea — onto the center of the integrated heat spreader.



**1** Before you start, make sure the rest of your CPU cooler system is ready to install.



**2** Clean CPU thoroughly. Remove any residues with alcohol and a dry cloth.



**3** Press on the syringe and apply a pea size amount of thermal paste to your CPU.



**4** Use the included applicator to spread it to an even coat.

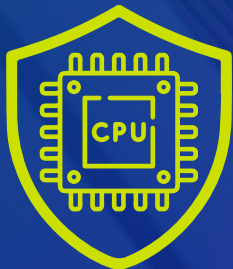
## SAFE AND EASY TO USE

Easy to clean up with paper towel, alcohol pads or cotton swabs with alcohol.

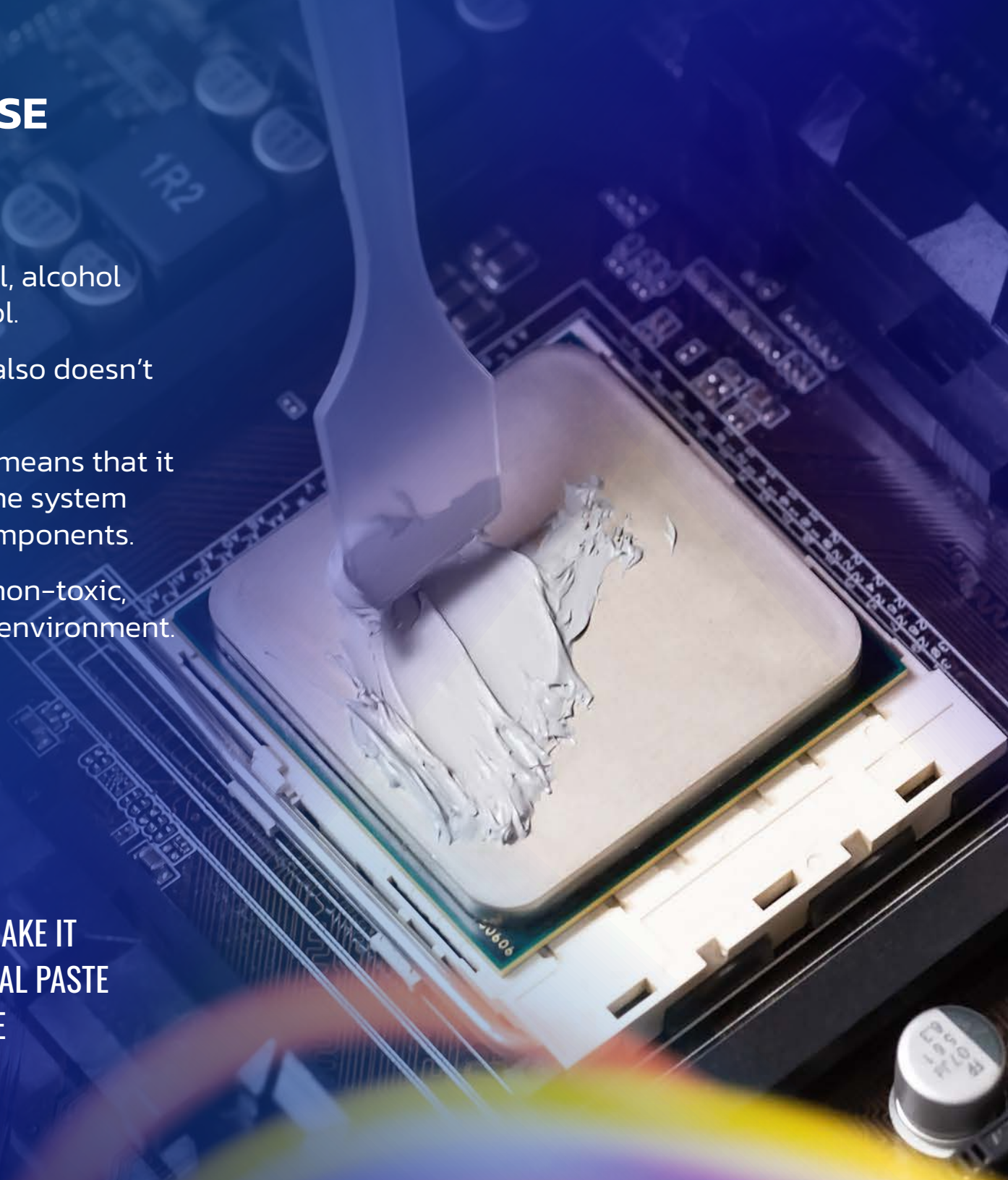
With an ideal consistency, but it also doesn't require you to wait for it to cure!

It is electrically insulative, which means that it won't cause any short circuit in the system even if it leaks or damage the components.

Additionally, it is non-corrosive, non-toxic, non-flammable, and safe for the environment.



THESE QUALITIES MAKE IT  
THE SAFEST THERMAL PASTE  
YOU WILL EVER USE



# HIGH CONDUCTIVITY THERMAL COMPOUND KIT



## MATERIAL PROPERTIES

Property	YCT-PHTC-01
Color	Gray
Form	One-part; noncuring
Viscosity at Low Strain Rate	1,200 Pa-s
Viscosity at High Strain Rate	100 Pa-s
Specific Gravity	2.6
Volatile Content, 48 hours at 125° C	178°/178°
Thermal Conductivity	13.5W/m-K
Thermal Resistance at 25 N/cm <sup>2</sup>	0.04 C-cm <sup>2</sup> /W
Bond Line Thickness at 25 N/cm <sup>2</sup>	0.02 mm / 0.0008 in
EAN	7503033057162