

## Tgrease<sup>™</sup> 2500 Series Thermal Grease

Innovative **Technology** for a **Connected** World



#### **ENVIRONMENTALLY FRIENDLY THERMALLY CONDUCTIVE GREASE**

Tgrease<sup>™</sup> 2500 is a silicone-free thermal grease for use in high performance CPU's and GPU's. With a high thermal conductivity of 3.8 W/mK, Tgrease<sup>™</sup> 2500 thoroughly wets out thermal surfaces to create very low thermal resistance.

Tgrease<sup>™</sup> 2500 eliminates the migration issues of siliconebased grease to create superior reliability. Tgrease<sup>™</sup> 2500 is ideal for situations where automatic dispensing and screen-printing are required.

Tgrease<sup>™</sup> 2500 is non-toxic and environmentally safe. Tgrease<sup>™</sup> 2500 is available in 1kg (pint container), 3kg (quart container), and 10kg (gallon container) or custom packaged in syringes for automated applications.

#### **APPLICATIONS**

- High performance CPU's and GPU's
- Chipsets
- Graphic processing chips
- Custom ASICS

PROPERTIES	
Color	White
Density	3.42 g/cc
Viscosity Brookfield Viscometer	2,500,000cP TF spindle at 2rpm (helipath) and 23°C
Temperature Range	-55°C to 150°C
Outgassing (TML)	0.91%
Outgassing (CVCM)	0.15%
UL Flammability Rating	94 V0
Thermal Conductivity	3.8 W/mK
Thermal Resistance @ 10 psi @ 50 psi	0.023°C-in²/W (0.15 C-cm2/W) 0.020°C-in²/W (0.13 C-cm2/W)
Volume Resistivity	3.5 x 1012 Ohm-cm
Dielectric Constant @ 1KHz/1MHz	5.7 / 5.6

### global solutions: local support ™

Americas: +1.800.843.4556 Europe: +49.8031.2460.0 Asia: +86.755.2714.1166

CLV-customerservice@lairdtech.com www.lairdtech.com/thermal



# **Tgrease™ 2500 Series**Thermal Grease

Innovative **Technology** for a **Connected** World







