



Tgrease™ 1500 SERIES SOLVES OVERHEATING AND RELIABILITY ISSUES

Tgrease™ 1500 is environmentally safe silicone-based thermal grease designed to solve overheating and reliability issues.

Due to its proprietary silicone filler matrix, Tgrease 1500 thoroughly wets out contact surfaces to create a low thermal resistance of 0.021 °C-in²/W at 50 psi.

Tgrease 1500 can be used in pneumatic dispensing and screen printing systems.

Tgrease 1500 is available in 1kg (pint container), 2kg (quart container), and 7kg (gallon container) or custom packaged in syringes for automated applications.

FEATURES AND BENEFITS

- Environmentally safe
- Thoroughly wets out contact surfaces to create low thermal resistance
- Available in 1/2kg, 1kg, 3kg, 7kg, 20kg bulk container, and 10cc, 30cc syringe

APPLICATIONS

- Microprocessors
- Chipsets
- Graphic processing chips
- Custom ASICs
- IGBT
- TO220, TO240, and other standard packages
- Power supplies

global solutions: local support.™

USA: +1.800.843.4556

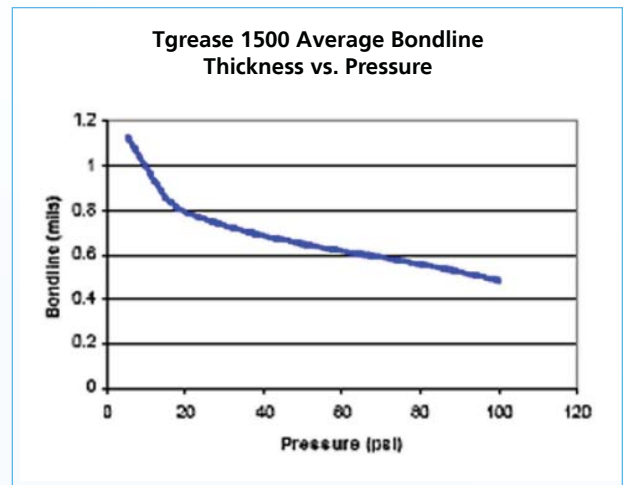
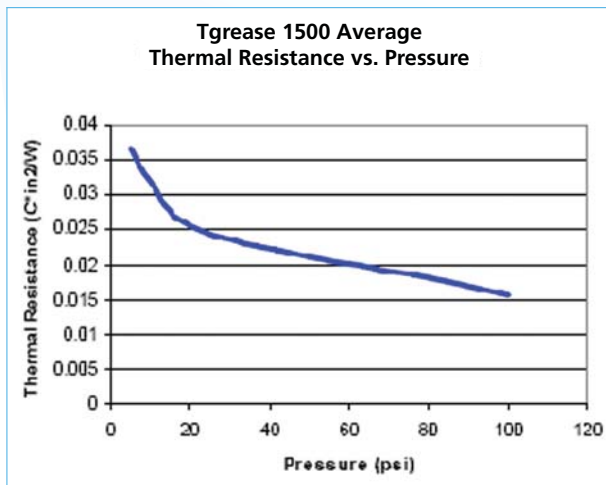
Europe: +49.8031.2460.0

Asia: +86.755.2714.1166

CLV-customerservice@lairdtech.com

www.lairdtech.com/thermal

TYPICAL PROPERTIES	TGREASE™ 1500	TEST METHOD
Color	White	Visual
Density	2.6 g/cc	
Viscosity @ 22°C	1.5 x 10 ⁶	Brookfield DV-II+ Spindle –T-F; Speed 2rpm
Maximum Operating Temperature	125°C	
Outgassing (TML)	0.79%	ASTM E595
Outgassing (CVCM)	0.12%	ASTM E595
UL Flammability Rating	Pending	
Thermal Conductivity	1.2 W/mK	Hot Disk Thermal Constants Analyzer
Thermal Resistance @ 50 psi	0.021 °C-in ² /W	ASTM D5470 (modified)
@ 344.7 KPa	0.135 °C-cm ² /W	ASTM D5470 (modified)
Volume Resistivity	7 x 10 ¹¹ @ 100 volts DC	ASTM D257
Dielectric Constant @ 1KHz/1MHz	5.9 / 5.8	ASTM D150



Data for design engineer guidance only. Observed performance varies in application. Engineers are reminded to test the material in application.

THR-DS-TGREASE-1500 11 09

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2009 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trademarks or registered trademarks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights. A14876-00 Rev.D

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Thermal Interface Products](#) category:

Click to view products by [Laird Connectivity](#) manufacturer:

Other Similar products are found below :

[7721-9PPS](#) [FGN80-2](#) [PFM-172-60](#) [A-40](#) [174-9-230P](#) [9601-7](#) [5300AC](#) [1.500G](#) [08133](#) [V6622C](#) [TVQF-1225-07S](#) [TP0001](#) [4860](#) [SC80-W2](#)
[V6516C](#) [A17713-06](#) [A17713-05](#) [A17653-05](#) [A17690-06](#) [A17775-03](#) [A17690-05](#) [A17653-02](#) [A17689-02](#) [A17690-04](#) [A17775-05](#) [A17775-](#)
[06](#) [A17690-08](#) [A17690-02](#) [A17689-06](#) [A17653-06](#) [A17690-12](#) [A17653-03](#) [A17536-02](#) [A17689-03](#) [A17536-10](#) [A17752-13](#) [A17752-04](#)
[A17752-07](#) [A17634-12](#) [19-36565-0001-1](#) [A17752-09](#) [22000-001A](#) [A17752-20](#) [A17752-16](#) [A17752-12](#) [A17653-04](#) [A17634-10](#) [A17634-09](#)
[A17634-07](#) [A17633-20](#) [A17633-07](#)