



SOFT AND LOW ABRASION GAP FILLER

Tputty[™] 403 is a single-part, silicone-based thermal gap filler that is soft and low abrasion. Tputty[™] 403 is ideal for applications where large or uneven gap tolerances are present. The soft and compliant nature of this material allows for the transfer of little to no pressure on mating parts. Tputty[™] 403 provides excellent thermal performance and compliance.

FEATURES AND BENEFITS

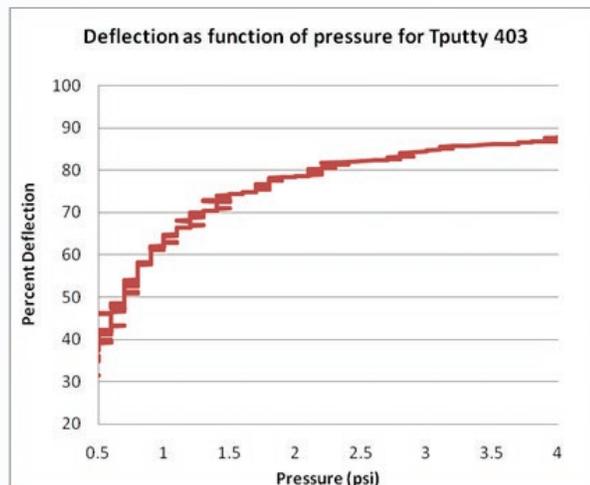
- Soft and compliant
- 2.3 W/mK thermal conductivity
- Dispensable
- Available in 75 cc, 180 cc, 360 cc and 600 cc dispensing cartridges
- Available in 20 kg pails

APPLICATIONS

- Automotive electronics
- LED Lighting
- Graphic chips
- Telecom Base Stations
- Microprocessors

PROPERTIES		TEST METHOD
Color	White	Visual
Flow Rate (75 cc taper tip, 0.125" orifice, 40 psi)	29 grams/min	Laird test method
Density	2.48 g/cc	Helium Pycnometer
Thermal Conductivity	2.3 W/mK	Hot Disk
Temperature Range	-45°C to 150°C	
Minimum Bondline thickness	0.002 in	
Deflection vs compression force (see curve)	%deflection	
Volume Resistivity	10 ¹³ Ohm-cm	ASTM D991

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



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

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

THR-DS-Tputty-403 0613

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. Laird Technologies makes no warranties as to the fitness, merchantability, suitability or non-infringement 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 2013 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks 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. A16875-00 Rev A, 06/2013

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Laird Technologies:](#)

[A16872-01](#)