



***Ready for 5G**

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
- Low Abrasion
- RoHS Compliant
- Available in cartridges (75cc, 180cc, 360cc, 600cc) and pails (1 gallon and 5 gallon)

Packaging Size	Fill Volume	Fill Weight
75cc (2.5 oz)	56cc	140g
180cc (6 oz)	159cc	395g
360cc (12 oz)	326cc	809g
600cc (20 oz)	601cc	1490g
1 gallon	4030cc	10kg
5 gallon	8070cc	20kg

SPECIFICATIONS

PROPERTY	TYPICAL VALUE	METHOD
Construction	Single part silicone based dispensable gap filler	N/A
Color	White	Visual
Thermal Conductivity (w/mK)	2.3	Hot Disk
Flow Rate (75cc taper tip, 0.125" orifice, 40 psi)	29 g/min	Laird Test Method – A16724-00
Density (g/cc)	2.48	Helium Pycnometer
Flammability	V-0	UL 94
Temperature Range	-45 to 150°C	Laird Test Method
Outgassing TML (weight %)	0.05	ASTM E595
Outgassing CVCM (weight %)	0.02	ASTM E595
Dielectric Breakdown	>6000 VAC	ASTM D149
Dielectric Constant @ 1MHz	4.9	ASTM D150
Minimum Bond line Thickness	0.05mm (0.002")	Laird Test Method -A16112-00
Volume Resistivity (ohm-cm)	10 ¹³	ASTM D257

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