

# TG4040 PUTTY Thermal Putty

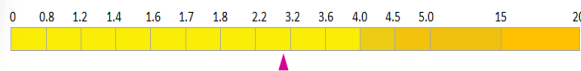


## Features

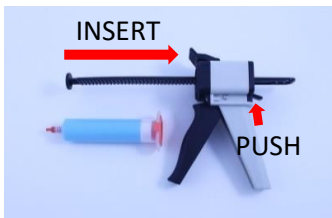
- Silicone-type spacer with great long term reliability
- Lower thermal resistance than thermal pads
- Physical property between liquid and solid state
- Best for different heights of gaps from heat sources within the product
- Can be applied with dispenser

## Properties

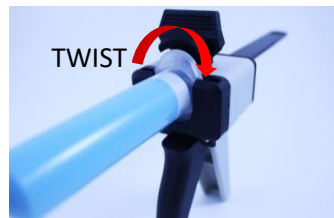
**Thermal Conductivity: 3.0 W/m.K**



## Operation Manual - Gel Gun



STEP1-Push the latch



STEP 2-Put the tube in



STEP3-Close the cover



STEP4-Take off the plug

## Reliability

Thermal Impedance	Initial	250 Hr	500 Hr	1000 Hr
80°C Aging	0.117	0.118	0.118	0.121
150°C Aging	0.117	0.119	0.122	0.12
85°C/85% RH	0.117	0.121	0.125	0.123

Properties	TG4040 Putty	Unit	Tolerance	Test Method
Thermal Conductivity	3	W / mK	±0.3	ASTM D5470
Color	Blue	-	-	Visual
Solid content	100(one-part)	%	-	-
Viscosity 0.5rpm	3,000	Pa·s	-	Brookfield
Density	3	g / cm <sup>3</sup>	-	ASTM D792
Low MW Siloxane (D4-10)	50	ppm	-	GC/MS
TML	0.3	%	-	ASTM E595
CVCM	0.09	%	-	ASTM E595
Volume Resistivity	10 <sup>14</sup>	Ohm-cm	-	ASTM D257
Working Temperature	-50 to 180	°C	-	-
Standard package	90g/165g/1KG	Tube/Pot	-	-

## Need Samples?

TG4040 Putty - 50 gram

1 \_\_\_\_\_ 2 \_\_\_\_\_

1. Choose the P/N
2. Fill the quantity you need

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