



# TG-NSP60

## Non-Silicone Thermal Putty

Version 1.060919

### Non-Silicone Thermal Putty

TG-NSP60 is an ultra conformable, silicone free putty type gap filler. It is designed for when heat transfer is needed between delicate components where the pressure must be minimised and silicone contamination cannot be tolerated.

TG-NSP60 is designed to fill gaps from 0.25 - 8mm with little or no stress generated. The non-silicone formulation will adhere to all surfaces, such as metal housings, ceramic and plastic IC packages and FR4 boards to give a low thermal resistance path for heat transfer.

TG-NSP60 is available in 30cc or 55cc syringes, pots of 1oz, 4oz, 1lb, or 5lb, and in 20lb or 50lb pails.

### Features

- Excellent thermal conductivity 5.9 W/mK
- Fully cured and reworkable
- Ideal for wide range of gaps
- Fully supported optimisation of dispense systems

### Applications

- Consumer electronics
- Power supplies and semi-conductors
- Automotive
- LED lighting

### Properties

- ✓ REACH Compliant
- ✓ ROHS Compliant

Property	TG-NSP60	Unit	Test Method
Colour	Grey	-	Visual
Thermal Conductivity	5.9	W/mK	ASTM D5470
Working Temperature	-55 to 200	°C	-
Weight Loss	<0.5	%	ASTM E595
Volume Resistivity	$2.15 \times 10^{15}$	Ohm-cm	ASTM D-257
Thermal Conductivity	4.5	W/mK	ASTM D5470
Volatile Content	<0.5	%	ASTM E595
D4-10	0	PPM	GC/MS

### Standard Packaging

Size	Pot	Weight (lbs)
	Syringe	30cc, 55cc
Pot	1oz, 4oz, 1lb, 5lb	
Pail	20lb, 80lb	

### Storage

Tightly close original container of unused product. Store in a cool and dark place.

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