



# TG-NSP80

## Non-Silicone Thermal Putty

REACH Compliant    RoHS Compliant

### Features

- Thermal Conductivity 8.3 W/mK
- Easily dispensable from manual, semi-automatic or fully automatic systems
- Not Electrically Isolating
- Low thermal impedance
- High thermal conductivity
- Ultra-low compression forces
- High tack on most surfaces and reworkable
- Proven long term reliability

### Applications

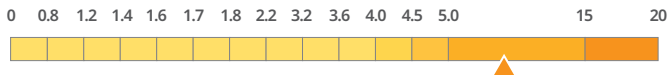
Consumer Electronics - Set-top boxes, IP routers, ECUs, Memory and Power modules

### Standard Sizes

Syringe	Pot / Pail
30cc	0.45kg
55cc	2.2kg
	9kg
	36kg

### Properties

#### Thermal Conductivity : 8.3 W/mK



Properties	TG-NSP80	Unit	Test Method
Thermal Conductivity	8.3	W/mK	ASTM D5470
Viscosity @ 25° C	1,400,000	1 sec <sup>-1</sup> , cPs	-
Colour	Grey	-	Visual
Flow Rate (30cc syringe, 0.08" orifice at 50psi @ 25° C)	0.5 - 1.5	g/min	T-Global
Specific Gravity	2.3	-	ASTM D-70
Maximum Bond Thickness	0.013	mm	T-Global
Operating Temperature Range	-55~+200	° C	T-Global
Bleed @ 200° C, 24 hours	0.3	%/Wt	ASTM 6814
Evaporation @ 150° C, 24 hours	0.2	%/Wt	ASTM 6814
Shelf Life	60	months	T-Global

For full turn-key support, including design, testing, supply and installation of dispensing systems suitable for prototyping to fully automated volume production, please contact T-Global Technology.

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