



TG-NSP50

Non-Silicone Thermal Putty

RoHS Compliant

Features

- Thermal Conductivity 5.4 W/mK
- Easily dispensable from manual, semi-automatic or fully automatic systems
- Low thermal impedance
- Low viscosity at room temperature
- Ultra-low compression forces
- High tack on most surfaces and reworkable
- Proven long term reliability

Applications

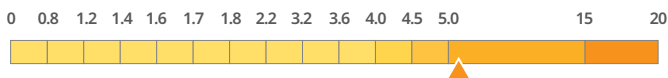
Consumer Electronics - Set-top boxes, IP routers, ECUs, Memory and Power modules

Standard Sizes

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

Properties

Thermal Conductivity : 5.4 W/mK



Properties	TG-NSP50	Unit	Test Method
Thermal Conductivity	5.4	W/mK	ASTM D5470-17
Viscosity @ 25° C	970,000	1 sec ⁻¹ , cPs	Rheometer
Colour	Dark Grey	-	Visual
Flow Rate (30cc syringe, 50psi @ 25° C)	0.5 to 1.5	g/min	T-Global
Specific Gravity @ 25° C	2.8	-	ASTM D-70
Anticipated Minimum Bond Lines	8	µm	-
Operating Temperature Range	-40~+200	° C	T-Global
Bleed @ 200° C, 24 hours	0.0	%/Wt	ASTM 6814-17
Evaporation @ 150° C, 24 hours	0.2	%/Wt	ASTM 6814-17
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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T-Global Technology are proud to announce the launch of a new company logo and mission statement as part of the ongoing growth and evolution of our company's brand.

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