

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

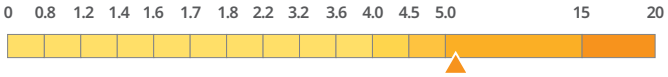
Consumer Electronics - Set-top boxes, IP routers, ECUs, Memory and Power modules

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.

T-Global Technology (Europe & North America) Limited

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t-Global (old version)

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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Unikeyic Electronics

Global Electronic Components Distributor

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t-Global Technology:

T62-1-15-15-0.16 TG-A373F-300-300-0.25-1A TG-A373S-310-310-2.0-1A GT20-150-150-0.3-0
T68APF-270-270-0.045 TG-A1450-25-25-2.0 TG-A373F-150-150-0.25-2A TG-A482K-15-15-0.1-0
TG-AL373-100-100-1.0-1A DC0019/02-TG-A482K-0.1-0 TG-A1250-5-5-1.5 TG-A20KF-285-190-4.0-1A
T68A-270-270-0.055 TG-A3500-10-10-0.5 TG-APC93-150-150-1.0-0 TG-T1000-36-18-0.25-5PT
TG-A1250-20-20-5.0 TG-A1780-40-40-2.0 TG-A373S-310-310-3.0-1A TG-A4500-30-30-3.0
TG-AL373-150-150-1.0-0 TG-T1000-28-28-0.25-5PT TG-A1450-20-20-0.5 TG-A20KX-190-140-3.0
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XL25W-TO220-18.5-12-1 TG-AL373-19.5-12.7-0.5-0