



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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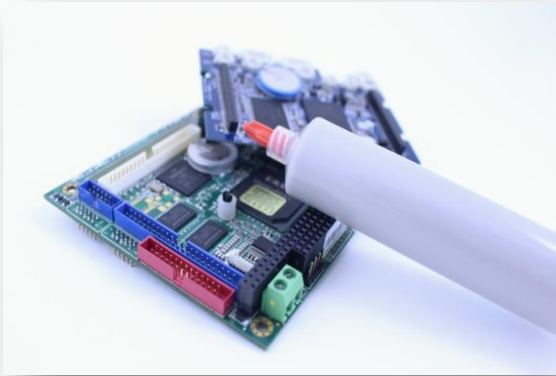
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# TG-NSP25

## Non-Silicone Thermal Putty



### Features

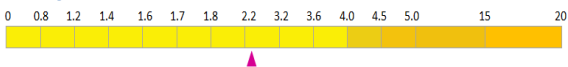
- Silicone free thermal gel
- Shapeable and compressible
- Low thermal resistance
- No fluidity

Best for north bridge IC

### Applications

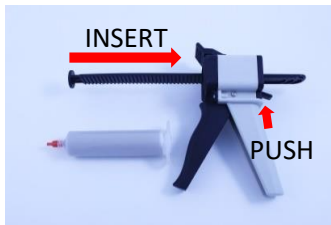
- Electronic components: IC, CPU, MOS, LED,
- Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook,
- PC, Telecom Device, Wireless Hub,
- DDR II Module, DVD Applications, Hand-set Applications etc.

### Properties



Thermal Conductivity: 2.5 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	200Hr	400Hr	700Hr	1000Hr
125°C Aging	0.052	0.053	0.052	0.053	0.054
85°C/85% RH	0.052	0.051	0.050	0.051	0.052

Physical Properties	TG-NSP25	Unit	Tolerance	Test Method
Thermal Conductivity	2.5	W / mK	±0.25	ASTM D5470
Color	Gray	-	-	Visual
Solid Content	100	%	-	-
Viscosity 0.5rpm	5000	Pa·s	-	Brookfield
Density	2.6	g / cm <sup>3</sup>	-	ASTM D792
Low MW Siloxane (D3-10)	0	ppm	-	GC/MS
Volume Resistivity	10 <sup>14</sup>	Ohm-m	-	ASTM D257
Working Temp.	-50~+150	°C	-	-
Standard package	78g/ 143g/ 1KG	Tube/Pot	-	-

### Need Samples?

TG-NSP25 — 50gram

1                      2

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

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Thermal Interface Materials: Thermal Pad, Thermal Tape, Thermal Grease, Ceramic Heat Spreader

