

THERMALLY CONDUCTIVE PUTTY

series: WTP-NS series



- Highly Conformable and fills irregular gaps and large gap tolerances.
- Use with automatic dispensing equipment to improve efficiency.
- Re-workable, reusable to reduce waste.
- No silicone oil bleed or siloxane volatility.
- Thermal conductivity up to 3.0W/mk.
- Available in Syringes up to 30cc and 300cc syringes.
- REACH and ROHS compliant.
- Typical applications include CPU, GPU, data centre and server, power supply unit and engine control unit.

ITEM	WTP-NS10	WTP-NS20	WTP-N230	Test Method
Colour	Grey	Grey	Grey	Visual
Thermal Conductivity (W/m-K)	1.0	2.0	3.0	ASTM D5470
Thermal Impedance (@30psi) (°C*in ² /W)	0.13	0.08 ~ 0.09	0.06 ~ 0.07	ASTM D5470
Flow Rate (@30cc, 90psi)	40±10	30±10	20±10	-
Density (g/cc)	2.0	2.5	3.0	Helium Psychometry
Outgassing (%)	<0.5	<0.5	<0.5	ASTM E595
Dielectric Constant (@1MHz)	7.5	5.5	4	ASTM D150
Operating Temperature (°C)	-50 ~ +120	-50 ~ +120	-50 ~ +120	-

Storage conditions

Store in a ventilated, cool, dry place. Do not come into contact with open flames.

Shelf Life: 12 months

ANNOTATION

All specifications shown herein are typical values and are not guaranteed. It is recommended to test in application for suitability.