

FEATURES

- Non-silicone thermal grease
- Thermal conductivity of 4 W/m·K
- BLT (bond thickness material) of 50 um / 30 um / 70 um (micrometres)
- Made from a non-silicone material
- Operating temperature range of -50°C to +153°C

Non-Silicone Thermal Grease, 4W/m·K

RS Stock No.: 915-6118



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Dissipate heat from your electrical components and keep them running effectively with this non-silicone thermal grease. With an operating temperature range of -50°C to +153°C, it works under the most extreme of environments to prevent electrical failure. Providing an ultra-thin bond line, it can be easily applied and reworked. For flexibility, this paste can be dispensed or screen and stencil machine printed. You can apply it cleanly and neatly using the handy syringe.

General Specifications

Material	Non-Silicone
Colour	Grey
Application	Displays, lighting protection, Consumer and industrial electronics

Electrical Specifications

Thermal Conductivity	4W/m·K
Dielectric Strength	3 kV/mm

Mechanical Specifications

Viscosity (Pa·s)	336 Pa.s
Density @ 20°C	2.6g/cm ³
Weight	30g

Operation Environment Specifications

Maximum Operating Temperature	150°C
Minimum Operating Temperature	-50°C
Operating Temperature Range	-50°C to +150°C

Approvals

Compliance/Certifications	EN61340
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Characteristics	Test Method	Value
Filler	-	Metal Filled
Viscosity	Pass	336
Density g/cm ³	ASTM D792	2.6
Colour	-	Grey
Low MX Siloxane ppm	D4-10	0
Outgassing (TML) %/Wt	ASTM E595	0.2
Outgassing (CVCM) %/Wt	ASTM E595	0.1
Thermal Conductivity Wm/K	ASTM D5470	4.0
Thermal Impedance °C-mm ² /W	ASTM D5470	0.012
Bond line Thickness mm	-	0.003
Dielectric Strength, kV/mm	ASTM D149	3
Volume Resistivity Ohm-cm	ASTM D257	10 ¹¹
Operating Temperature Range °C	-	-50 - 150