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Thermal Grease

Features

- No pump out or stability issues
- Easy to apply and rework
- Syringe dispense, also suitable for screen printing
- Good value

RS PRO Thermal Grease,4.5W/m K

RS Stock No.: 206-5709



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.

Thermal Grease

Product Description

Introducing the range of RS PRO Thermal Greases, ideal for a range of high and low-temperature applications. The silicon grease has no pump or stability issues and is easy to apply and rework if needed, making it an ideal mechanical lubricant for cooling and optimum performance. It can also be used as an electrically insulating compound can be used as a seal and lubricant for various types of equipment like cable connectors, battery terminals, switches and much more.

General Specifications

Characteristic	Test Method	Result
Colour	Visual	Grey
Thermal conductivity W/m.K	ASTM-D5470	4.5
Thermal impedence oC-mm2/W	ASTM-D5470	0.008
Operating Temperature oC	EN344	-20 to +150
Density, g/cm3	ASTM D792	3.38
Applications	Communications equipment/ Automotive electronics	Small office, and networking equipment/Consumer and industrial electronics

Mechanical Specifications

Available product size	40g
Approx dimensions	150x30x30mm

Electrical Specifications

Characteristic	Test Method	Result
Dielectric Strength, kV/mm	ASTM D149	5
Volume Resistivity(Ohm-cm)	ASTM D257	10^12
Viscosity(cps)		750,000