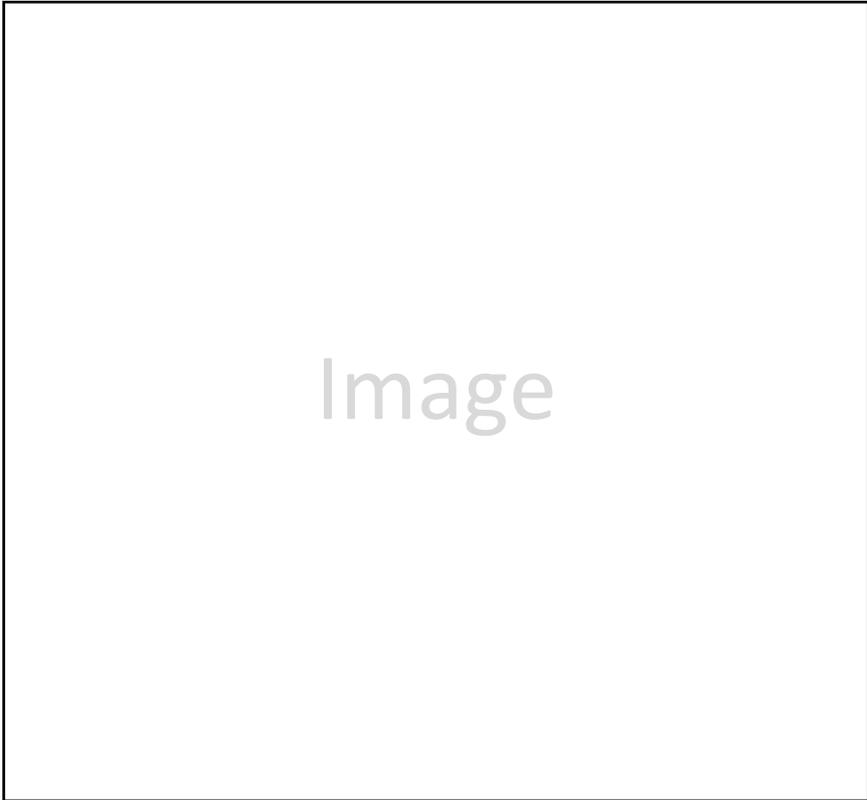


## FEATURES

- Wide operating temperature range
- Excellent thermal conductivity
- Low in toxicity
- Low evaporation weight loss
- White colour allows easy identification of treated parts

# RS PRO Metal Oxide Thermal Paste

RS Stock No.: 2337971



Image

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

*RS XXX-XXX is recommended where the efficient and reliable thermal coupling of electrical and electronic components is required, or between any surface where thermal conductivity or heat dissipation is important. It should be applied to the base and mounting studs of diodes, transistors, thyristors, heat sinks, silicone rectifiers and semi-conductors, thermostats, power resistors and radiators.*

*RS XXX-XXX is based on a silicone oil and therefore offers a wide operating temperature range and excellent stability at high temperatures.*

- *Very wide operating temperature range.*
- *Excellent thermal conductivity even at high temperatures.*
- *Low in toxicity.*
- *White colour enables treated parts to be easily identified.*
- *Low evaporation weight loss.*

## General Specifications

<b>Material</b>	Silicone
<b>Chemical Component</b>	Powdered Metal Oxide
<b>Colour</b>	White
<b>Pack Size</b>	5g
<b>Physical State</b>	Paste
<b>Thermo-conductive Component</b>	Powdered Metal Oxides

## Electrical Specifications

<b>Specific Resistance</b>	1 x 10 <sup>14</sup> Ohms/cm
<b>Thermal Conductivity</b>	0.65 W/m·K
<b>Dielectric Strength</b>	16 kV/mm

## Mechanical Specifications

<b>Penetration</b>	310
<b>Weight Loss after 96 hours @ 100°C</b>	<1%
<b>Density @ 20°C</b>	2.0 g/cm <sup>3</sup>

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	+200°C
<b>Minimum Operating Temperature</b>	-40°C
<b>Operating Temperature Range</b>	-40°C to +200°C

## Approvals

<b>Compliance/Certifications</b>	RoHS-2 Compliant (2011/65/EU)
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