



TECHNICAL DATA SHEET

RS 217-3835 Silicone Heat Transfer Paste

RS 217-3835 should be used where a large amount of heat needs to be dissipated quickly and effectively. RS 217-3835 is a non-setting compound which allows easy rework of the components should this be necessary.

- Superior thermal conductivity even at high temperatures.
- Wide operating temperature range.
- Low evaporation weight loss.
- Economic in use.
- Low in toxicity.

Approvals

RoHS-2 Compliant (2011/65/EU):

Yes

Typical Properties:

Colour:	Pale Gray
Base	Silicone Oil
Thermo-conductive Component:	Powdered metal oxides
Thermal Conductivity:	2.9 W/m•K
Density @ 20°C:	3 g/cm ³
Temperature Range:	-40°C to +200°C
Weight Loss after 96 hours @ 100°C:	<0.8%
Specific Resistance:	1 x 10 ¹⁴ Ohms/cm
Dielectric Strength:	16 kV/mm
Viscosity (Pa•s):	45 at 1 rpm

Packaging

20 ml Tube

Order Code

RS 217-3835

Directions for Use

Apply a thin layer of compound to one of the contact surfaces using brush, spatula, roller, automated systems or screen printing techniques. Ensure that the entire interface is covered otherwise hot-spots can form and place the surfaces together. Any excess paste squeezed out during the mounting process should be removed. Best results are achieved when a uniform, thin coat is applied between the mating surfaces.