

RS Pro 1805300 Silicone Thermal Interface Putty with EMI, 2.0W/mK

Physical Properties	Value
Colour	Dark Grey
Thermal conductivity W/m.K (ASTM D5470)	2
Coefficient of Thermal Expansion ppm/K	230
Volume resistivity Ohm-m	10 ¹¹
Specific gravity g/cm ³	2.9
Dielectric breakdown kV/mm	5
Permeability @1MHz	6
Permeability @1GHz	3
Flammability	V-0
Flow rate g/cm ³ (30cc EFD cartridge 0.1" 90 psi)	10
Application temperature °C	-50 to +200
BLT thickness low limit mm	0.05



Features

- EMI suppression
- High compressibility,
- non-curing,
- pump out resistant,
- long term stability,
- electrical insulation,
- siloxane volatiles D4~D20 <0.01%

Part Number	Size
1805300	55ml syringe

Applications

Displays, lighting protection. PDP TV, LCD CCFL and LCD LED display backlight, LED signage, projectors and new display technology.

Consumer and industrial electronics

Mobile telephone, communication base station, laptop, notebook, computer servers, handheld gaming devices, memory modules, CPU modules, amplifiers, batteries, and DC to DC converter power supplies.

Automotive electronics

Engine management, electronic suspension, braking systems, communication and multimedia systems, comfort convenience features, vehicle lighting, vehicle controls, hybrid vehicle battery thermal management, electric vehicle thermal management.

