

Silicone Thermal Interface Putty with EMI

multicompPRO

**RoHS
Compliant**



Features

- High compressibility
- Non-curing and pump out resistant long term stability
- Electrical insulation low/NO siloxanes
- Siloxane volatiles D4~D20 <0.01%

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.

Properties

Characteristic	Value	Test Method
Colour	Dark Grey	Visual
Thermal conductivity W/mK	2W/mK	ASTM D5470
Coefficient of Thermal Expansion	230ppm/K	-
Volume Resistivity Ohm-m	10 ¹¹	ASTM D257
Specific Gravity	2.9g/cm ³	ASTM D792
Dielectric Breakdown	5kV/mm	ASTM D149
Permeability @1MHz	6	-
Permeability @1GHz	3	-
Flammability	V-0	UL94
Flow rate g/cm ³ (30cc EFD cartridge 0.1" 90 psi)	10	-
Application Temperature	-50°C to +200°C	-
BLT Thickness Low Limit	0.05mm	ASTM D374

Part Number Table

Description	Part Number
Silicone Thermal Interface Putty, Dark Grey, 2W/mK, 55ml	MPGCS-ESP20-55ml

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