

# Silicone Thermal Interface Putty with EMI

**multicomp** PRO

**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 <sup>11</sup>	ASTM D257
Specific Gravity	2.9g/cm <sup>3</sup>	ASTM D792
Dielectric Breakdown	5kV/mm	ASTM D149
Permeability @1MHz	6	-
Permeability @1GHz	3	-
Flammability	V-0	UL94
Flow rate g/cm <sup>3</sup> (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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