

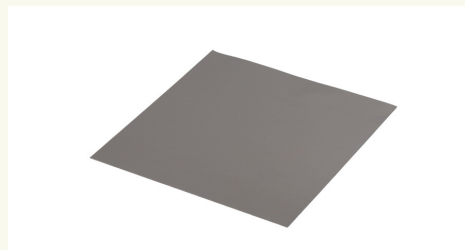


GCS-080-S SILICONE INTERFACE MATERIAL

GCS-080-S is a high performance, silicone thermal interface pad

Features

- Super soft
- High compressibility
- Very good thermal conductivity
- Compliance, high compressibility
- Natural tack
- Electrical insulation
- Low oil bleed - long term stability



Configurations

PART NUMBER	TOTAL THICKNESS (MM)
GCS-080-S-150150-0.5	0.5
GCS-080-S-150150-1.0	1
GCS-080-S-150150-1.5	1.5
GCS-080-S-150150-2.0	2
GCS-080-S-150150-3.0	3

Properties

CHARACTERISTIC	TEST METHOD	VALUE
Colour	Visual	Grey
Thickness mm	-	0.5 - 3.0
Thermal Conductivity W/m ² K	ASTM D5470	8
Hardness (Shore 00)	ASTM	60
Density g/m ³	ASTM D792	3.3
Dielectric breakdown, kV/mm	ASTM D419	>10
Application Temperature (deg C)	-	-50 - +200
Tensile strength MPa	ASTM D412	0.1
Elongation %	ASTM D412	40



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