

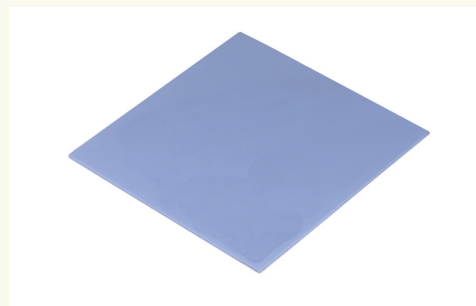


## GCSR-020 SILICONE INTERFACE MATERIAL

**GCSR-020** is a conformable silicone based thermal interface pad

### Features

- 2 W/m K thermal conductivity
- Low contact resistance
- Long term stability
- Good electrical insulation



### Configurations

| PART NUMBER          | TOTAL THICKNESS (MM) |
|----------------------|----------------------|
| GCSR-020-300x400-0.5 | 0.5                  |
| GCSR-020-300x400-1.0 | 1                    |
| GCSR-020-300x400-1.5 | 1.5                  |
| GCSR-020-300x400-2.0 | 2                    |
| GCSR-020-300x400-3.0 | 3                    |

### Properties

| CHARACTERISTIC              | TEST METHOD | VALUE       |
|-----------------------------|-------------|-------------|
| Colour                      | Visual      | Blue        |
| Thickness mm                |             | 0.5 to 5    |
| Thermal conductivity W/m*K  | ASTM D5470  | 2.0         |
| Hardness (shore OO)         | ASTM D2240  | 40          |
| Specific gravity. g/cm3     | ASTM D792   | 2.3         |
| Dielectric strength, kV/mm  | ASTM D149   | >10         |
| Dielectric constant (@1MHz) | ASTM D150   | 5.8         |
| Operation temperature (°C)  | EN344       | -40 to +200 |
| Flame rating                | UL94        | V-0         |



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