

# GFL 3000 SL

## Gap Filler Liquid

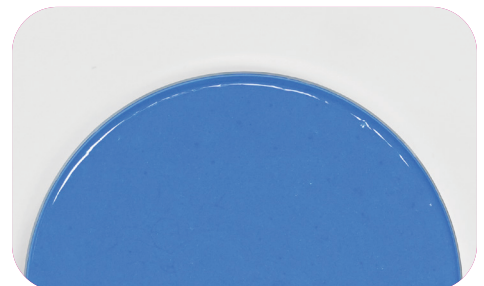
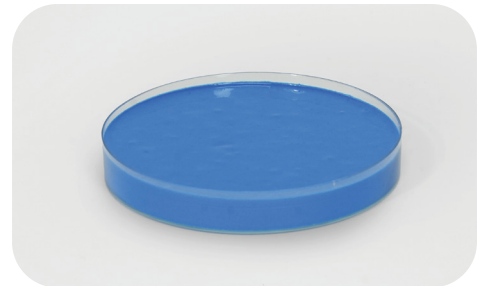
## NEW PRELIMINARY DATA SHEET

### Benefits

- Room temperature curing
- Higher thermal conductivity in comparison to potting material
- Usage for Encapsulation, electromagnetic coils and applications with small fabrication tolerances
- High thermal performance
- Low Viscosity Gap Filler Liquid



Properties	Unit	GFL 3000 SL
Colour		steelblue
Basic material		silicone
Mixing ratio		1:1
Curing	°C	1h ; 25 °C
<b>Thermal Properties*</b>		
Thermal resistance $R_{th}$	K/W	0.90
Thermal conductivity $\lambda$	W/mK	2.8
<b>Electrical Properties**</b>		
Dielectric breakdown voltage $U_{d, AC}$	kV	6
<b>Mechanical Properties</b>		
Hardness	Shore 00	55 - 75
<b>Physical Properties</b>		
Application temperature	°C	-40 to +200
Density	g/cm <sup>3</sup>	2.77
Viscosity	Pas	10 - 30
Total mass loss (TML)	Ma. -%	< 0.17
Possible thickness	mm	0.2 - 5.0



\* Measured @ thickness 1 mm    \*\* Measured @ thickness 0.5 mm

## Note

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The specifications provided in this data sheet do not constitute a guarantee or warranty of specific product properties („quality guarantee“). These specifications are derived from our standardized testing procedures conducted under controlled laboratory conditions and are intended to describe the typical properties of the products as expected under standard applications. Variations may occur depending on the specific application. Accordingly, it is the responsibility of the customer to test and evaluate the products for their intended use, and adjustments to the application may be required.

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