ELECTROLUBE
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GF400
Gap Filler

GF400 is a two part, liquid silicone based gap filler, which provides excellent thermal performance and can be cured at room temperature or accelerated with heat. After curing GF400 forms a low modulus elastomer preventing the 'pump-out phenomenon'.

- Soft and compliant for low stress applications
- Low viscosity; easy to dispense
- High thermal conductivity
- Low modulus elastomer, prevents 'pump-out'
- UL approved; UL94 V-0 flame retardancy rating

Approvals	**RoHS Compliant (2015/863/EU):**	**Yes**
	UL Approval:	**UL94 V-0 (File:E320832)**

Typical Properties

Liquid Properties:	Base Material	Silicone
	Colour Part A	Pink
	Colour Part B	White
	Mixed System Viscosity (mPa s @ 25°C)	220 000
	Mix Ratio	1:1
	Gel Time (25°C)	60 minutes
	Cure Time (25 °C)	12 hours
	Cure Time (60°C)	90 minutes
	Cure Time (100 °C)	20 minutes
Cured System:	Cured Density (g/ml)	3.2
	Thermal Conductivity (W/m.K)	4.0
	Colour	Pink
	Temperature Range (°C)	-50 to +200
	Dielectric Strength (kV/mm)	9
	Volume Resistivity (ohm-cm)	10^{14}
	Shore Hardness @ 25ºC	55 Shore 00
	Flame Retardancy	Yes
	Weight Loss after 96 hours @ 100°C	< 0.15%

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All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

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Certificate No. FM 32082

Description	Packing	Order Code	Shelf Life
GF400 Gap Filler	400ml Two Part Cartridge	GF400_400ML	12 months
	50ml Two Part Cartridge	GF400_50ML	12 months

Directions for Use

Ensure surfaces are clean, dry and free from grease and dust before use. Certain materials like curing agents and plasticisers can inhibit curing of silicone compounds. These chemicals include:

- Organotin and other organometallic compounds.
- Silicone rubber containing organotin catalysts.
- Sulphur and other sulphur containing materials, Amines, urethanes or amine containing materials.
- Unsaturated hydrocarbon plasticisers.

Additional Information

Cleaning: GF400 can be removed easily up to 1 hour after application with an approved solvent such as IPA.

Storage: Keep lids tightly sealed. Store under ambient conditions.

Health & Safety: Always refer to the Health & Safety data sheet before use. These can be downloaded from www.electrolube.com

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