



DUPONT™ TEMPRION™ GF0300

NON-SILICONE DISPENSABLE GAP FILLER

DESCRIPTION

DuPont™ Temprion™ GF0300 is a non-silicone liquid gap filler with a thixotropic formulation to allow for convenient one-part dispensing by users. Temprion™ GF0300 is highly viscous and tacky upon application to limit migration after initial placement and cures in place to ensure consistent performance with no creep during thermal cycling.

The silicone-free formulation of Temprion™ GF0300 exhibits excellent resistance to pump out, outgassing, and phase separation while eliminating concerns of silicone deposition on optics and electronics within any package.

APPLICATIONS

- Thermal interface material
- Heat sink compound
- CPU/GPU
- IGBT

FEATURES

- One-part dispensable gap filler
- High thermal stability with limited:
 - Pump out
 - Outgassing
 - Phase separation
- Compatible with polymer and metal substrates
- UL94 flammability rating (pending)

Table 1 – Typical Properties of DuPont™ Temprion™ GF0300

Property	GF0300	Test Method
Thermal Conductivity, W/m•K	2.5	ASTM D5470
Viscosity @ 30 s ⁻¹ and 25 °C, cP	1,300,000	DuPont Method
Specific Gravity @ 25 °C, g/cm ³	2.8	DuPont Method
Flammability	Pending	UL94
RoHS Compliant	Yes	N/A

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CAUTION: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see "DuPont Medical Caution Statement," H-50102-4.

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