CHT

SMART CHEMISTRY
WITH CHARACTER.

SILSO LITE 21025

SILICONE FOAM FOR BATTERY MODULES & ELECTRONICS

- Flowable
- Fast Curing
- Lighweight
- Primerless Adhesion
- Flame Retardant

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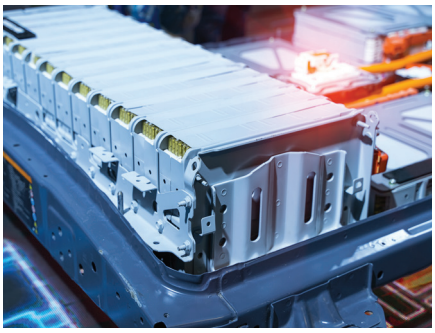
SILICONE FOAM FOR WEIGHT REDUCTION

Designing lighter weight components has widely become a key trend for applications in Energy, Mobility, and Electronics.

CHT's SilSo Lite 21025 is a 2-part, room temperature platinum cure, self-blowing silicone foam which creates a closed-cell structure. It is designed to reduce weight - as well as mitigate thermal runaway and provide protection from moisture, debris, vibration and shock.

SilSo Lite 21025 features a fast gel time for increased production throughput and primerless adhesion to a variety of substrates. This silicone foam will expand 2-3 times its liquid volume and will reach full cure in about 10 minutes.

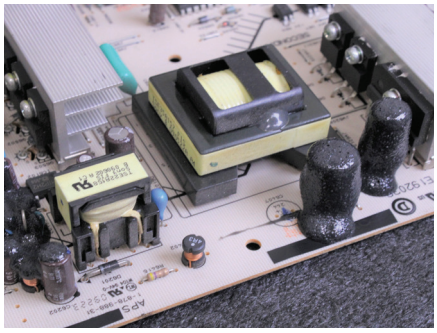


KEY FEATURES

- Flowable - low viscosity for easy dispensing
- Fast curing - enhances process efficiency
- Primerless adhesion
- Medium density, closed cell
- Flame retardant, UL 94 V-1
- Thermally insulative
- Wide operating temperature range (-55 °C to 200 °C)
- Noise dampening and cushioning properties

APPLICATIONS

- Battery modules
- Lightweight potting and encapsulation
- PCB staking
- Insulation



KEY PROPERTIES

Product	Mix Ratio (by weight)	Colour	Mixed Viscosity	Gel Time	Specific Gravity	Density
SilSo Lite 21025	1:1	Black	17,000 cP	140 seconds	1.10	0.4 g/cm^3

The data are standard values and not suitable for establishing specifications. Please note that the given values were determined in the laboratory and must be verified in tests for your specific manufacturing processes under the conditons in practice.

Browse CHT's complete portolio of sustainable lightweight solutions.

Interested in further information or product samples?
Please contact us: performance-materials@cht.com

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