



OU-802SF is a high performance silicone free thermally conductive compound and will not dry out. It has low viscosity for easy and neat application. OU-802SF is applicable to silicone sensitive devices.

The proprietary formulation of OU-802SF makes for its good thermal conducting performance. Together with its superior wetting properties in filling surface irregularities, OU-802SF provides a cost effective solution for application where rapid heat transfer from heat source to spreader is required.

OU-802SF is RoHS compliant and halogen-free, offering extra reassurance in applications where hazardous substances are forbidden.

Features and Benefits	Typical Applications	Optional Configurations
<ul style="list-style-type: none"> • 3.5W/m-K thermal conductivity • Excellent thermal conductivity • Silicone free • Never dries • RoHS compliant • Halogen-free 	<ul style="list-style-type: none"> • Silicone sensitive devices • Heat source to spreader/sink in computer and peripherals • Power conversion equipments • Cooling components to the chassis, frame or other types of heat spreader • Wireless communication hardware • Automotive control units • Power supply • Audio and video component • Micro processor 	<ul style="list-style-type: none"> • Cartridge packaging forms can be arranged upon request

Typical Properties	OU-802SF	Test Method
Construction & Composition	Non Silicone-based putty	—
Color	Dark Grey	Visual
Density (g.cm ⁻³)	2.85	—
Flow Rate [g/min, 30cc syringe under 90psi]	20	—
Temperature Range (°C)	-30~125°C	—
Dielectric Strength (Vac/mm)	>5000	ASTM D149
Thermal Conductivity (W.m ⁻¹ .K ⁻¹)	3.5	ASTM D5470 (modified)
UL Flammability Rating	UL94 V0	—
Thermal Impedance @ 1.0 mmT (°C.in ² /W)	0.508	ASTM D5470 (modified)
Siloxane Volatiles	0	GC-FID
Shelf Life /Months	12	—
Please contact us for other special requirements		

Container Information		
OU-802SF	0030	30cc Taper Tip Tube
	Customer Part Number	Customer Container

Dispenser equipment is required. Please contact us for additional support. Other custom container sizes may be available upon request

SEM (North America) Inc.

Tel: +1 585-643-2000
 Fax: +1 585-427-7216
 Address: 1600 Lexington Ave., Suite 236A
 Rochester, NY 14606, USA

SEM Belgium bvba

+32 59 560 270
 +32 59 560 271
 Slijpesteenweg 28,
 8432 Middelkerke (Leffinge), Belgium

SEM (Far East) Ltd.

+852 2686 9872
 +852 2686 9728
 Unit 3, 3/F, Blk A, New Trade Plaza,
 No. 6 On Ping St., Shatin, N.T., Hong Kong.

SEM (Dongguan) Ltd.

+86-769-8356 5686
 +86-769-8334 2028
 No.8 Qiaoxin Rd., Qiaotou Dongguan,
 Guangdong, China, 523525.

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