



OU-805SF is a high performance silicone free thermally conductive compound and will not dry out. It has low viscosity for easy and neat application. OU-805SF is applicable to silicone sensitive devices.

The proprietary formulation of OU-805SF makes for its good thermal conducting performance. Together with its superior wetting properties in filling surface irregularities, OU-805SF provides a cost effective solution for application where rapid heat transfer from heat source to spreader is required.

OU-805SF is ROHS compliant and halogen-free, offering extra reassurance in applications where hazardous substances are forbidden.

Features and Benefits

- 5.0 W/m-K thermal conductivity
- Excellent thermal conductivity
- Silicone free
- Never dries
- RoHS compliant
- Halogen-free

Typical Applications

- Silicone sensitive devices
- 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

Optional Configurations

- Cartridge packaging forms can be arranged upon request

Typical Properties	OU-805SF	Test Method
Construction & Composition	Silicone-based putty	—
Color	White	Visual
Density (g.cm ⁻³)	3.03	—
Flow Rate [g/min, 30cc syringe under 90psi]	12	—
Temperature Range (°C)	-40~125	—
Dielectric Strength (KVac/mm)	>5000	ASTM D149
Thermal Conductivity (W.m ⁻¹ .K ⁻¹)	5.0	ASTM D5470 (modified)
Thermal Impedance@ 1.0mmT(°C*in ² /W)	0.351	ASTM D5470 (modified)
Silicone Volatiles	0	GC-FID

Please contact us for other special requirements

Container Information		
OU-805SF	0030	30cc Taper Tip Tube
	Customer Part Number	Customer Container

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