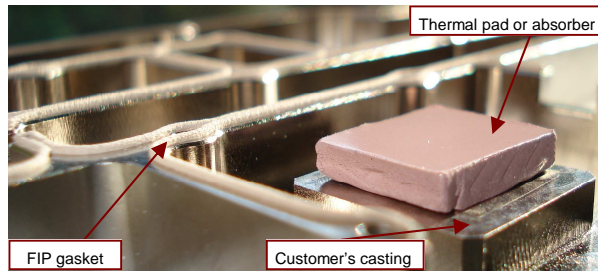


CONDUCTIVE SILICONE SEALANT (Dispensing Gasket)

APPLICATIONS

Mobile phones, especially DMB
 Computer peripherals
 PDA
 Military equipments
 Medical instruments, etc...



KEY FEATURES—Dispensing

Dispensing on your metallic parts the gasket requested for your application (electrically conductive or not)
 Dispensed parts max size : 500 x 500 x 160 mm high (for higher dimensions, please contact us)

KEY FEATURES—CEBLJOFIP00001

Contains Ag-coated-Cu filler
 Low-VOC (Volatile Organic Compound) type: odorless, environment friendly
 High shielding effectiveness: 90 dB (10MHz~10GHz) at 20% compression
 RTV (Room Temperature Vulcanizing) conductive sealant
 High electric conductivity
 Immediately workable : packaged in 330cc cartridge
 Good adhesion properties on various substrates: Ag-coated-Cu filled paint, aluminum and other casting alloys, nickel or/and copper plating



Curing Conditions

At room temperature: 24 h
 At 30 to 50 °C and humidity at 50 to 70%: 8 h
 Handling cautions :

- prolonged storage at room temperature should be avoided
- prolonged exposure to high temperature (>30°C) should be avoided
- adhesion strength changes according to the materials of substrates and/or coating
- 4 months shelf life after manufacturing date at low temperature (1 to 10 °C)

SPECIFICATIONS—CEBLJOFIP00001 material

Content		Unit	CEBLJOFIP00001	
GRADE			Low-VOC	
MATERIAL	Base Material (Elastomer)	-	Silicone	
	Filler	-	Silver coated Copper	
	Color	-	Red Beige	
AS SUPPLIED	Specific Gravity	-	2.1 ±0.2	
	Cure Time (at 20°C, RH 50%)	Tack-free Time	min	2 to 3
		Handling Time	h	12
		Full Cure Time	h	24
	Service temperature	°C	-50 ~ 120	
	Storage Temperature	°C	1 ~ 10	
Shelf life (at 1 to 10°C)	month	2		
CURED PHYSICAL CHARACTERISTICS	Hardness	Shore A	60 ±5	
	Compression set (ASTM D395B)	%	< 35	
	Specific gravity (after curing)	g/cm ³	2.6 ±0.2	
	Adhesion on Aluminum	Kgf/cm ²	> 20 (285 PSI)	
ELECTRICAL PROPERTIES	Volume resistivity	Ω.cm	< 0.03	
	Shielding effectiveness	dB	> 90 (10MHz-10GHz) at 20% compression	