



## Heat Conduction Microwave Absorber Materials

### Product Description

SF-GE15TE-X1501 Absorber, is silicone gel base, with ceramic filler and ferrous filler. Combine heat conduction and RF absorption, shielding properties.

### Features

- Combine both heat conduction and RF absorption properties.
- Great Flexibility
- Great temperature resistance , Stable chemical properties
- RoHS Compliant
- Great insulation



### Applications

- Cellphone 、 Tablet 、 Notebook 、 PCB for Digital Camera 、 Chipset 、 LCD
- Router 、 Disk drive 、 GPS 、 Game Device
- Masking Device 、 Testing Equipment 、 Military electronics

### Storage and Shelf Life

- Best recommended validity : Within less than 12 months.
- Best recommended storage condition : Temperature(25°C~30°C)&Humidity(50%RH~60%RH)
- The measuring data was determined under the laboratory condition, and can be used as a reference only.
- Performance may vary when using in different applications.
- Less of silicone fluid may exude from the product when using in certain operating conditions.



### SPECIFICATION

Physical Properties	Unit	SF-GE15TE-X1501	Test Method
Color	-	Dark Gray	Vissual
Density	g/cm <sup>3</sup>	3.7	ASTM D792
Thermal Conductivity	W/mk	1.5	ASTM D5470
thickness	mm	0.4~10	ASTM D374
hardness	Shore OO	50	ASTM D2240
Permeability @ 1GHz	-	4.2	ASTM D150
Dielectric strength	KV/mm	>3	ASTM D149
Surface resistivity	Ω	1.8×10 <sup>15</sup>	ASTM D257
Operating temperature	/	-40~+200	-
Flame retardant grade	/	V0	UL94-V0
Self-adhesive	/	Double Sided	-