



General Description:

We offer EMI Shielding Conductive Elastomers that made of metal particles in Silicone, with great techniques for compounding and controlling shapes.

Specifications:

EMI Shielding Nickel Graphite filled Conductive Silicone:

Property		Nickel Graphite in Silicon	Unit
Electrical properties	Conductive Filler	Nickel Coated Graphite	
	Volume Resistivity	0.1	Ω/cm
	Shielding Effectiveness	> 80	dB
Physical Properties	Binder	Silicon	
	Specific Gravity	2.5 ± 0.2	g/cm^3
	Hardness	$50 \approx 80 (\pm 5)$	Shore A
	Tensile strength	20	Kgf/cm^2
	Tear Strength	7	Kgf/cm
	Elongation Min.	200	%
	Service Temp.	-50 to +150	$^{\circ}C$

How to order:

P/N: NG-Silicon – AAA – BBB – CCC
(1) (2) (3) (4)

- 1 Material Type
- 2 Width (mm) : Custom Size
- 3 Length (mm) : Custom Size
- 4 Thickness (mm): Custom Size