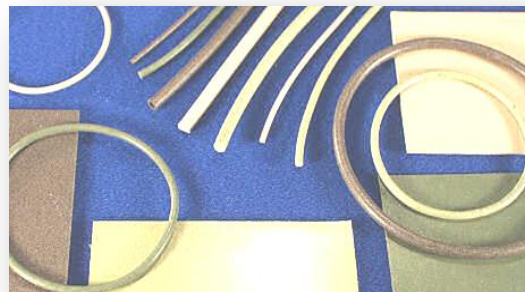




**Conductive Silicon Gasket**

Our conductive silicones are strips and sheets that are available in a various sizes. Also provide various type using special filler materials. They have excellent performance in electrical and mechanical property.



**Technical Data:**

SC (Silver coated Copper), CC (Conductive Carbon)

Conductive Filler		Unit	SC (Silver)	CC (Carbon)
Binder			Silicone	
Electrical	Volume Resistivity	$\Omega \cdot \text{cm}$	0.02	7
	Shielding Effectiveness	dB (100 MHz – 10 GHz for EMC noise)	> 80	> 20
Physical	Specific Gravity	$\pm 0.2$	3.8	1.3
	Hardness	Shore A ( $\pm 5$ )	50 ~ 80	60 ~ 70
	Tensile Strength	kgf/cm <sup>2</sup> [psi]	30 [430]	60 [850]
	Tear Strength	kN/m	7	17
	Elongation	%	200	330
	Service Temp.	$^{\circ}\text{C}$	-50~125	-50~170

PN : K6 - AA - BB - CC - DD					
	①	②	③	④	⑤
①	Series Type (Conductive Silicon Elastomer)				
	Material (Basic Type)				
②	SC : Silver Coated Copper				
	CC : Conductive Carbon Coated Copper				
	Shape				
	O : "O" Ring Type Solid				
	OO : "O" Ring Type Hollow				
③	D : "D" Type Solid				
	DO : "D" Type Hollow				
	S : "S" Type Rectangular				
④	Size (mm)				
⑤	Length (mm)				

