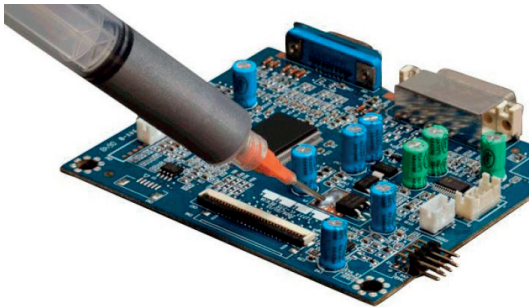




### Conductive Adhesives

EMCEMI's single part conductive adhesives are available in a wide range of sizes which are listed below. The conductive adhesives are an ideal solution when you require a flexible gasket which is also and environmental seal on things such as PCB's and small electronic equipment when there isn't room for a substantial gasket. These adhesives are single us only, but do are ideal when you only have a 'small land area' available. Shelf live is up to 1 year if kept in the original packaging and stored in a cool dry atmosphere below 18 degrees. If you require other sizes please contact us, and we will be happy to help.



- CONDUCTIVE ELASTOMERS
- CONNECTOR GASKETS
- ORIENTED WIRES IN SILICONE

**SELECT  CONDUCTIVE ADHESIVES**

- FABRIC OVER FOAM

How to order	
Size Code	Material Code
1 - 10ml	1 - Silicone Nickel Graphite (SNG)
2 - 30ml	2 - Silicone Nickel (SN)
3 - 55ml	3 - Silicone Silver Glass (SSG)
4 - 100ml	4 - Silicone Silver Aluminium (SSA)
5 - 170ml	5 - Silicone Silver Copper (SSC)
6 - 250ml	6 - Pure Silver
7 - 310ml	
8 - 500ml	

For Example: CA-1-5 = Silicone Nickel Graphite RTV in a 170ml cartridge.  
Other sizes are available so please contact us with your requirements.

### Features:

- Electrically Conductive
- Available in 10, 30, 55, 170 and 310ml sizes
- Thixopaste - One Part No Mixing Required
- Non Corrosive
- Excellent Adhesion to various substrates
- Safety and Handling information available, please contact for further details

Part Number	CA-1	CA-3	CA-2	CA-4	CA-5	CA-6
Conductive Filler	Nickel Graphite	Silver Glass	Silver Nickel	Silver Aluminum	Silver Copper	Pure Silver
Specific Gravity	2.29	1.82	3.58	1.86	3.58	4.2
Consistency	Thick Paste	Thick Paste	Thick Paste	Thick Paste	Thick Paste	Thick Paste
Lap Shear Strength Minimum (PSI)	150	120	120	175	200	225
Operating Temp Range (°C)	-48 204	-48 204	-48 204	-48 204	-48 204	-48 204
Skin Over (Min)	15	15	15	15	15	15
Tack Free (Min)	90	90	90	90	90	90
Cure for Handling	12-24 hrs	12-24 hrs	12-24 hrs	12-24 hrs	12-24 hrs	12-24 hrs
Full Cure	72-144 hrs	72-144 hrs	72-144 hrs	72-144 hrs	72-144 hrs	72-144 hrs
Color	Dark Gray	Light Tan	Tan	Tan/Blue	Dark Tan	Tan
Durometer Shore A	65	70	75	68	70	65
Tensile Strength PSI (Min)	540	415	285	260	285	280
Elongation % (Min)	210	100	150	155	150	165
Tear Strength #/in (Min)	90	52	50	45	50	54
Volume Resistivity	0.06	0.01	0.008	0.01	0.008	0.005

