Performance

- 80-110 dB shielding effectiveness
- Similar to LT conductive elastomer formulations

Materials

One-part, silicone-based adhesive

Five, conductive filler options

Cures at room temperature

Availability

Available in 4 different sizes: 2.5, 4, 10, and 16-ounce cartridges



Electrically Conductive Adhesives

Leader Tech is a globally recognized manufacturer and innovator of EMI shielding products. To complement the company's extensive line of conductive elastomer gaskets, Leader Tech now offers an assortment of Electrically Conductive Adhesives (ECAs). To help minimize galvanic reactions between dissimilar metals, these one-part, silicone-based adhesives are available with five conductive filler options, including: silver plated glass, silver plated copper, silver plated aluminum, nickel plated graphite, or pure silver.

Leader Tech conductive adhesives provide high adhesion strength and excellent electrical conductivity for broad ranging consumer and commercial electronics applications. In addition to its most common use in attaching conductive elastomer gaskets to a mounting surface, these adhesives can be used to cold solder components that are sensitive to heat such as LEDs, LCDs and touch panels. These extremely versatile adhesives also provide a fast and easy way to create an electrical ground between components or fill unwanted gaps that are susceptible to EMI leakage.

Specifications

Compound	Units	Silver Glass	Silver Copper	Silver Aluminum	Nickel Graphite	Pure Silver
Specific Gravity	-	2.10	3.20	1.86	3.40	3.58
Skin Over Time	Minutes	15	15	15	15	15
Tack Free Time	Minutes	90	90	90	90	90
Color	-	Tan	Tan	Tan	Grey	Tan
Durometer	Shore A	65	70	65	65	70
Volume Resistivity	Ohm-cm	0.008	0.010	0.040	0.050	0.010
Lap Shear	PSI	125	150	175	130	150
Shelf Life	Months	6	6	6	6	6

Performance

- 80-110 dB shielding effectiveness
- Similar to LT conductive elastomer formulations

Materials

One-part, silicone-based adhesive

Five, conductive filler options

Cures at room temperature

Availability

Available in 4 different sizes:

- 2.5 ounce tubes
- 4 ounce cartridges
- 10 ounce cartridges
- 16-ounce cartridges



Material	Leader Tech	UOM
Silver Glass Silicone	SILAGGL-02.5	ea
	SILAGGL-04.0	ea
	SILAGGL-10.0	ea
	SILAGGL-16.0	ea
Silver Copper Silicone	SILAGCU-02.5	ea
	SILAGCU-04.0	ea
	SILAGCU-10.0	ea
	SILAGCU-16.0	ea
Silver Aluminum Silicone	SILAGAL-02.5	ea
	SILAGAL-04.0	ea
	SILAGAL-10.0	ea
	SILAGAL-16.0	ea
Nickel Graphite Silicone	SILNIGR-02.5	ea
	SILNIGR-04.0	ea
	SILNIGR-10.0	ea
	SILNIGR-16.0	ea
Pure Silver Silicone	SILNIGR-02.5	ea
	SILNIGR-04.0	ea
	SILNIGR-10.0	ea
	SILNIGR-16.0	ea

Compound	Part Number
Silver Glass	SILAGGL-XX.X
Silver Copper	SILAGCU-XX.X
Silver Aluminum	SILAGAL-XX.X
Nickel Graphite	SILNIGR-XX.X
Pure Silver	SILAG-XX.X

Container Size	Part Number
2.5 oz. tube	XXXXXXX-02.5
4.0 oz. cartridge	XXXXXXX-04.0
10.0 oz. cartridge	XXXXXXX-10.0
16.0 oz. cartridge	XXXXXXX-16.0

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