

## FORMABLE CONDUCTIVE GASKET



FORMABLE CONDUCTIVE GASKET | 1800 RANGE

EMI

### DESCRIPTION:

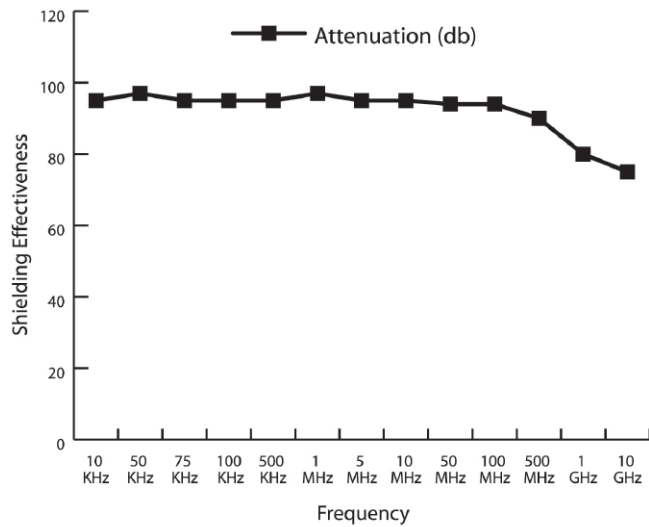
Arka Technologies' Formable Gasket materials are designed for use in automated dispensing systems used to create gaskets directly onto electronic housings.

Both Silver Plated Copper (8X6), and Silver Plated Aluminum (8X5), versions are available for applications requiring high conductivity, while the Nickel Coated Graphite (8X2) version is available for applications requiring less conductivity with better galvanic compatibility to the mating surfaces from exposure to the environment.

Conductive bead diameters as small as 0.025" can be precisely dispensed with as little as 20 psi of dispensing pressure. Material remains flexible after cure, providing an excellent dust, moisture, and RF seal.

Cure times vary depending on housing substrate and adhesion requirements. May be used on Aluminum and Zinc metals as well as Plastics with conductive coatings.

Arka Technologies offers these materials for sale to those who have the available equipment, or we can quote the assembly complete to your requirements. The ability to, precisely place the gasket only where required, eliminate costly assembly time, design with limited gasket size, combined with low start up cost in comparison with molded seals, allow for its use in both high and low volume electronic applications.



### PRODUCT SPECIFICATIONS ARE AS FOLLOWS:

Specification	Series 882 - 1 Part	Series 892 - 2 Part	Series 885 - 1 Part	Series 895 - 2 Part	Series 886 - 1 Part	Series 896 - 2 Part
Conductive Filler	Nickel Graphite	Nickel Graphite	Silver Aluminum	Silver Aluminum	Silver Copper	Silver Copper
Volume Resistivity	0.044 ohm-cm	0.044 ohm-cm	0.010 ohm-cm	0.010 ohm-cm	0.010 ohm-cm	0.010 ohm-cm
Durometer	65	65	60	60	65	65
Compression Set	25%	25%	25%	25%	25%	25%
Shear Strength	100 psi	100 psi	100 psi	100 psi	100 psi	100 psi
Cure Time	2 hrs @ 160°C	1/2 hrs @ 23°C	2 hrs @ 160°C	1/2 hrs @ 23°C	2 hrs @ 160°C	1/2 hrs @ 23°C
Recommended Compression	15-25%	15-25%	15-25%	15-25%	15-25%	15-25%

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