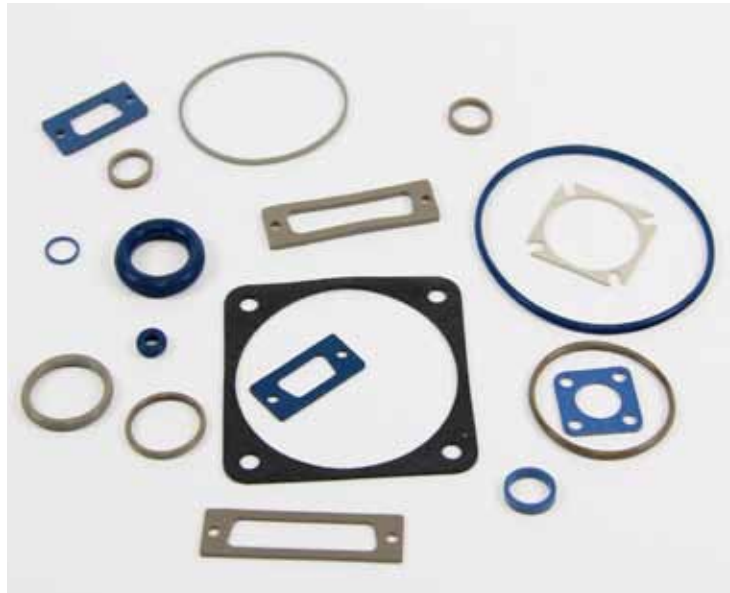


Conductive Elastomer Connector Gaskets

Parker Chomerics provides several types of connector gaskets, such as mounting flange connectors, interfacial seals, jam nut seals, flat washers, D-subminiature rectangular connectors, O-Rings and D-Rings. All of these connector gasket are available in most of our CHO-SEAL conductive elastomer material types. For applications to continuous high temperature exposure, e.g., 160° C, CHO-SEAL 1224, 1298, or 1285 are recommended. For those applications where exposure to fluids is a concern, fluorosilicone materials are recommended.



The most common connector seal materials are:

CHO-SEAL 1224, silver filled silicone

CHO-SEAL 1215, silver-plated copper filled silicone

CHO-SEAL 1285, silver-plated aluminum filled silicone

CHO-SEAL 6502, nickel-plated aluminum filled silicone

CHO-SEAL 1298, silver-plated aluminum filled fluorosilicone

CHO-SEAL 6503, nickel-plated aluminum filled fluorosilicone

CHO-SEAL L6303, nickel-plated graphite filled fluorosilicone

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Connector Gasket - Product Information

Chomerics also offers connector gaskets manufactured from other non-weather sealing (foam based) materials. Consult Chomerics Applications Engineering Department with any questions.

For applications where galvanic corrosion issues against aluminum are a concern, the above materials are offered in "octane levels" of protections from the low to the superior. See Table 1.

Table 1

CONNECTOR GASKET MATERIAL RECOMMENDATIONS							
Product	CHO-SEAL® 1298	CHO-SEAL® 6502	CHO-SEAL® 6503	CHO-SEAL® 1285	CHO-SEAL® L6303	CHO-SEAL® 1215	CHO-SEAL® 1224
Conductive Filler	Ag/Al	Ni/Al	Ni/Al	Ag/Al	Ni/C	Ag/Cu	Ag
Elastomer Binder	Fluorosilicone	Silicone	Fluorosilicone	Silicone	Fluorosilicone	Silicone	Silicone
Octane Level Protection Corrosion vs Aluminum	Superior	Best	Best	Good	Moderate	Low	Low
Max Use Temp °C	200	125	125	200	150	125	200

Refer to Chomerics Conductive Elastomer EMI Gaskets Molded and Extruded Materials Selector Guide for details.

www.chomerics.com
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TB 1070 EN April 2012



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