# Kinetic Polymers

(AN ISO 9001 - 2015 Certified Company)

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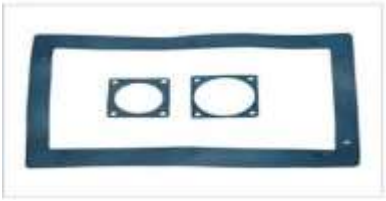
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## CONDUCTIVE SILICONE RUBBER GASKETS - KINETIC POLYMERS

Grounding of Connectors to an enclosure bulkhead in a manner that will reduce the ingress or egress of EMI/RFI interference can be accomplished through the use of the following connector gaskets.
Features / Material Choice: Connector gaskets materials can be selected to meet environmental and mechanical requirements of the package to be shielded.
Standardization: Die-cut connector gaskets are available for standard type connectors.
Low Cost: connector gaskets offer optimum RF grounding of connectors at minimal cost.
EMI Shield and Moisture Seal: The elastomer embedded product both an EMI shield and moisture seal in a minimum thickness, thus not requiring extended protrusion from surface of enclosures

The conductive elastomer are made by metal powder and silicon. They have excellent EMI shielding effectiveness and environment sealing and long lifetime. The conductive fillers are Pure Silver, Nickel graphite, Silver aluminum, Silver copper.
We have standard size and shapes, we could offer extruded, molded and die-cut any shapes or size as the customer design and requirements.



## Specifications

Operating Temperature
Min (ºC) -55 -55 -55 -55 -55 -55 -55
Max (ºC) 175 200 200 180 200 125 160

Specific Gravity 1.2 1.95 1.8 4 2 3.5 1.7

Hardness (Shore A) Durometer
70 70 65 75 65 65/75/85 45

Compression Deflection (%min)
3.5 3.8

Tensile Strength (lbs/sq-in) 450 150 200

Elongation (%) 3.5 3.5 3.5 3.5 3.5 3.5 8

Volume Resistivity (ohm-cm) 8 0.1 0.05 0.008

Shielding Effectiveness
(20mhz-10ghz) - 40 60 80 100 dB

