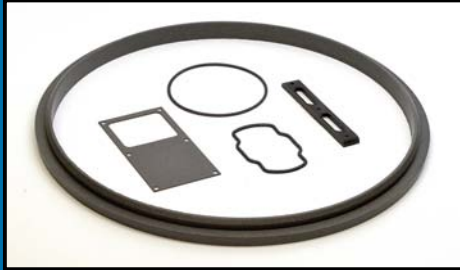




# STOCKWELL ELASTOMERICS

MANUFACTURING SOLUTIONS THROUGH ENGINEERED MATERIALS

**Product:** EMI Gasket Materials



**Related Web Page:**

<https://www.stockwell.com/emi-gaskets/>

**Stockwell Value Proposition:**

**Design & Engineering**

Staff engineers comprehend design challenges and are available to help select materials and manufacturing processes that best fit specific application needs.

**Material Solutions**

Stockwell Elastomerics has strategically partnered with industry leaders such as Rogers Corp., Saint-Gobain, 3M, Wacker Silicones and Momentive Silicones to ensure the highest quality materials are used. Stockwell Elastomerics has a comprehensive inventory of engineered materials designed and manufactured to meet requirements of the most demanding gasketing applications.

**Pre-Production through Manufacturing**

Combining in-house CNC die cutting, waterjet cutting, injection molding, compression molding and adhesive lamination with comprehensive inventory, Stockwell Elastomerics can fulfill fast-turn prototyping, pre-production and full production requirements.

## SNA-568

**Compound:** 68 Durometer Conductive Silicone Rubber with Nickel-Coated Aluminum Filler

**Product Description:**

SNA-568 is a silicone rubber filled with nickel-aluminum that provides galvanic corrosion resistance and has been tested to MIL-DTL-83528F. Nickel-aluminum silicones provide superior shielding effectiveness after long-term age testing.

Stockwell Elastomerics offers pre-production and full production parts made from SNA-568, including waterjet cutting, die cutting, or molding. 3M conductive adhesive backing is also available for cut parts.

Property	Typical Value
<b>Durometer</b> , Shore "A"	68
<b>Volume Resistivity</b> , ohm-cm	0.08
<b>Tensile Strength</b> , psi	200
<b>Elongation</b> , max %	320
<b>Tear "B"</b> , ppi	50
<b>Temperature Low</b> , °C (°F)	-60 (-76)
<b>Temperature High</b> , °C (°F)	220 (428)
<b>Specific Gravity</b>	2.05
<b>Color</b>	Dark Gray
<b>* Shield effectiveness</b> , 20MHz-10GHz	> 110 dB
<b>Galvanic Corrosion</b> , 168 Hour Salt Spray	0.08%
<b>Available Configurations</b>	<ul style="list-style-type: none"> <li>• Sheets</li> <li>• Cut Parts (Waterjet/Die Cut)</li> <li>• Conductive Adhesive Backed</li> <li>• Molded Parts</li> </ul>

\* Additional full testing reports available upon request