



Product: EMI Gasket Materials



Related Web Page:

<https://www.newtopsrinjection.com/>

Newtop 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

Newtop 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. Newtop 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, Newtop 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.

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

* Additional full testing reports available upon request

Request Quote