



**Product:** EMI Gasket Materials



**Related Web Page:**

<https://www.newtopslsreinjection.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.

## SNE-555

**Compound:** 55 Durometer Conductive Silicone Rubber with Nickel / Graphite Filler

#### Product Description:

SNE-555 is a silicone polymer with nickel coated graphite particle fill, giving it very good shielding and grounding properties. High performance and competitively priced, SNE-555 makes an excellent option for commercial and military EMI applications.

Newtop Elastomerics offers pre-production and full production parts made from SNE-555, including waterjet cutting, die cutting or molding. 3M conductive adhesive backing is also available for cut parts and select molded parts.

Property	Typical Value
<b>Durometer</b> , Shore "A", (+/- 5)	55
<b>Volume Resistivity</b> , ohm-cm	0.04
<b>*Shielding Effectiveness</b> , dB	>100 (@ 20MHz - 10GHz)
<b>Tensile Strength</b> , minimum, psi	150
<b>Elongation</b> , min %	200
<b>Tear "B"</b> , min ppi	25
<b>Temperature Low</b> , °C (°F)	-60 (-76)
<b>Temperature High</b> , °C (°F)	220 (428)
<b>Specific Gravity</b>	1.90
<b>Color</b>	Dark Grey
<b>Mil-G-83528</b>	N/A
<b>Available Configurations</b>	<ul style="list-style-type: none"> <li>• Sheets</li> <li>• Cut Parts (Waterjet/Die Cut)</li> <li>• Molded Parts</li> <li>• Conductive Adhesive Backed</li> </ul>

\*Additional data available upon request

**Request Quote**