



# STOCKWELL ELASTOMERICS

MANUFACTURING SOLUTIONS THROUGH ENGINEERED MATERIALS

## Product: SNE-540-UL94V0



### Related Web Page:

<https://www.stockwell.com/emi-shielding-materials/>

### Stockwell Value Proposition:

**Design & Engineering** - staff engineers comprehend design challenges and are available to help select materials and manufacturing processes that best fit your application needs.

**Material Solutions** - Stockwell Elastomerics has strategically partnered with industry leaders such as Rogers Corp., St. 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.

## SNE-540-UL94V0

**Compound:** 40 Durometer Conductive Silicone Rubber with Nickel / Graphite Filler

### Product Description:

SNE-540-UL94V0 is a silicone polymer with nickel coated graphite particulate fill giving it very good shielding and grounding properties. High performance and competitively priced, SNE-540-UL94V0 makes an excellent option for commercial and military EMI applications. SNE-540-UL94V0 is flame rated.

Stockwell Elastomerics offers pre-production and full production parts made from SNE-540-UL94V0, including waterjet cutting, die cutting, and molding. 3M conductive adhesive backing is also available for cut parts and select molded parts

Testing	Specification
Durometer, Shore "A"	40
Volume Resistivity, ohm-cm	1.0 max (0.5 typical)
Shield effectiveness, 20MHz-10GHz	> 114 dB**
Tensile Strength, psi	100 min
Elongation %	200 min
Tear "B", ppi	35
Temperature Low, °C (°F)	-60 (-76)
Temperature High, °C (°F)	220 (428)
UL-94 Flammability Rating	V0*
Specific Gravity	1.90
Color	Gray
Mil-G-83528	N/A
Available Configurations	<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 data available upon request

\*\* Shielding data was run third party at a MIL-DTL-83529 listed lab

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