



TECHNICAL DATA SHEET

SNE-540- UL94VO



SNE-540-UL94VO | 40 Durometer Conductive Silicone Rubber with Nickel / Graphite Filler

SNE-540-UL94VO is a silicone polymer with nickel-coated graphite particle fill, giving it very good shielding and grounding properties. High performance and competitively priced, SNE-540-UL94VO makes an excellent option for commercial and military EMI applications. SNE-540-UL94VO is flame rated.

Stockwell Elastomerics offers pre-production and full production parts made from SNE-540-UL94VO, including waterjet-cutting, diecutting, and molding. 3M conductive adhesive backing is also available for cut parts and select molded parts.

SNE-540-UL94VO Details

Testing	Specification
Durometer, Shore "A" (+/-5)	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	VO*
Specific Gravity	1.90

Additional Specifications

- Available Colors: Gray
- Available Configurations: Sheets, Cut Parts (Waterjet, Die Cut), Conductive Adhesive Backed, Molded Parts
- MIL-DTL-83528 Not Applicable

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*Additional data available upon request.

** Shielding data was run third party at a MIL-DTL-83528 listed lab.

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