



TECHNICAL DATA SHEET

SNE-555



SNE-555 | 55 Durometer Conductive Silicone Rubber with Nickel / Graphite Filler

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.

Stockwell 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.

SNE-555 Details

Property	Typical Value
Durometer, Shore "A", (+/- 5)	55
Volume Resistivity, ohm-cm	0.01
*Shielding Effectiveness, dB	>100 (@ 20MHz - 10GHz)
Tensile Strength, minimum, psi	155
Elongation %	300
Tear "B", min ppi	25
Temperature Low, °C (°F)	-60 (-76)
Temperature High, °C (°F)	220 (428)
Specific Gravity	1.85

*Additional data available upon request.

Additional Specifications

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

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