



Stockwell
ELASTOMERICS

TECHNICAL DATA SHEET

SNEF-50



SNEF-50 | 50 Durometer Conductive Fluorosilicone Rubber with Nickel / Graphite Filler

SNEF-50 is a fluorosilicone polymer with nickel-coated graphite particle fill, giving it very good shielding and grounding properties with added chemical resistance due to the fluoropolymer. High performance and competitively priced, SNEF-50 makes an excellent option for commercial and military EMI applications.

Stockwell Elastomerics offers pre-production and full production parts made from SNEF-50, including waterjet cutting, die cutting or molding. 3M conductive adhesive backing is also available for cut parts and select molded parts.

SNEF-50 Details

Property	Typical Value
Durometer, Shore "A", (+/- 5)	51
Volume Resistivity, ohm-cm	0.02
Shielding Effectiveness, dB	>100 (@20MHZ-10GHZ)
Tensile Strength, minimum, psi	130
Elongation, min %	200
Tear "B", min ppi	33
Temperature Low, °C (°F)	-55 (-67)
Temperature High, °C (°F)	200 (392)
Specific Gravity	2.13

*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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Stockwell Elastomerics, Inc.
4749 Tolbut St. Philadelphia, PA 19136-1512 USA
800.523.0123 | 215.335.3005

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AS9100 | ISO9001 Certified
www.stockwell.com | service@stockwell.com

