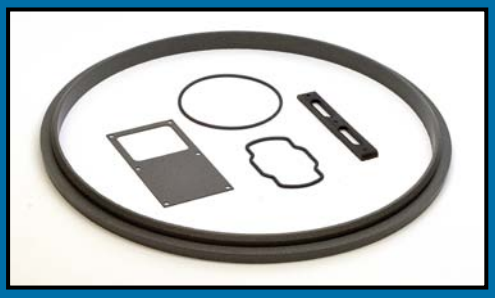
STOCKWELL ELASTOMERICS

MANUFACTURING SOLUTIONS THROUGH ENGINEERED MATERIALS

Product: **EMI Gasket**



Related Web Page:

https://www.stockwell.com/emi-gaskets/

Stockwell 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
Stockwell 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. 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

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

Product Description:

SNE-540 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 makes an excellent option for commercial and military EMI applications.

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

Property	Typical Value
Durometer, Shore "A", (+/- 5)	40
Volume Resistivity, ohm-cm	0.03
***Shielding Effectiveness**, dB	>100 (@ 20MHz - 10GHz)
Tensile Strength, minimum, psi	100
Elongation, min %	200
Tear "B", min ppi	25
Temperature Low, °C (°F)	-60 (-76)
Temperature High, °C (°F)	220 (428)
Specific Gravity	2.00
Color	Black
Mil-G-83528	N/A
Available Configurations	• Sheets • Cut Parts (Waterjet/Die Cut) • Molded Parts • Conductive Adhesive Backed

*Additional data available upon request,
3rd party tested, method: MIL-DTL-83528D

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