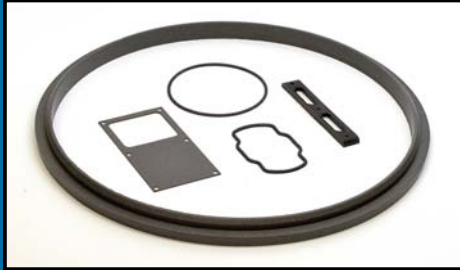




STOCKWELL ELASTOMERICS

MANUFACTURING SOLUTIONS THROUGH ENGINEERED MATERIALS

Product: EMI Gasket Materials



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.

SNAF-572

Compound: 72 Durometer Conductive Fluorosilicone Rubber with Nickel-Coated Aluminum Filler

Product Description:

SNAF-572 is a fluorosilicone rubber filled with nickel-aluminum that provides galvanic corrosion resistance which has been tested to MIL-DTL-83528F and has good chemical resistance due to the added fluoropolymer. Nickel-aluminum silicones provide superior long-term shielding effectiveness.

Stockwell Elastomerics offers pre-production and full production parts made from SNAF-572, including waterjet cutting, die cutting, or molding. 3M conductive adhesive backing is also available for cut parts.

Property	Typical Value
Durometer , Shore "A"	69
Volume Resistivity , ohm-cm	0.03
Tensile Strength , psi	200
Elongation , max %	350
Tear "B" , ppi	50
Temperature Low , °C (°F)	-60 (-76)
Temperature High , °C (°F)	220 (428)
Specific Gravity	2.15
Color	Dark Gray
* Shield effectiveness , 20MHz-10GHz	> 112 dB
Available Configurations	<ul style="list-style-type: none"> • Sheets • Cut Parts (Waterjet/Die Cut) • Conductive Adhesive Backed • Molded Parts

* Additional full testing reports available upon request