



# STOCKWELL ELASTOMERICS

MANUFACTURING SOLUTIONS THROUGH ENGINEERED MATERIALS

**Product:** ESD Gasket Materials



### Related Web Page:

<https://www.stockwell.com/esd-protection/>

### 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.

## SE65-CON

**Compound:** Electrically Conductive Silicone Rubber with Specially Prepared Carbon Loading

### Product Description:

SE65-CON is a silicone rubber which is useful for applications requiring low levels of electrical conductivity. It can be specified where static events are undesirable or where small electrical charges need to be dissipated or grounded. SE65-CON is also useful as a sealing material and is capable of sealing at a IP67 level.

Stockwell Elastomerics offers pre-production and full production parts made from SE65-CON, including waterjet cutting and die cutting and compression molded into 3-D articles. 3M conductive adhesive backing is also available for cut parts.

Property	Typical Value
Durometer, Shore "A"	65 (range 55 - 70)
Volume Resistivity, ohm-cm	5
Tensile Strength, psi	600
Elongation, max %	200
Tear "B", ppi	60
Temperature Low, °C (°F)	-54 (-65)
Temperature High, °C (°F)	200 (392)
Specific Gravity	1.16
Color	Black
Fill	Carbon
Available Configurations	<ul style="list-style-type: none"><li>• Continuous Sheets</li><li>• Cut Parts (Waterjet/Die Cut)</li><li>• Conductive Adhesive Backed</li><li>• Molded Articles</li></ul>

Email: [service@stockwell.com](mailto:service@stockwell.com)

Website: [www.stockwell.com](http://www.stockwell.com)

4749 TOLBUT STREET, PHILADELPHIA, PA.

215-335-3005 / 215-335-9433 (FAX)