

**Conductive Fluorosilicone Elastomer**

**PRODUCT DESCRIPTION**

**SSP-550-45** is a Silver Plated Aluminum filled fluorosilicone conductive elastomer. This product is supplied as fully cured, conductive sheet stock or ready-to-mold compound. The data below was generated using ASTM test method and procedures. SSP550-45 was designed to meet the requirements outlined in the MIL-G-83528C specifications.

<b>DATA</b>	<b>Typical Values</b>
<b>Shore A</b> (40-50 range)	45
<b>Tensile psi</b> (150 minimum)	185 psi
<b>Elongation %</b> (300 minimum)	350%
<b>Compression Set %</b> (30 max.)	21% (70 hours at 100°C)
<b>Specific Gravity</b> (1.75 – 2.25)	2.08
<b>Volume Resistivity ohm / cm</b> (0.004 max.)	.002 ohm /cm
<b>Color</b>	Tan
<b>Thermal Stability Range</b>	-60°C - 220°C

**CATALYZING**

Raw material available catalyzed and ready for press cure molding. Data above was generated with Varox catalyst system.

**SHELF LIFE**

Uncatalyzed – indefinite, may need freshening after 1-2 years. Catalyzed – 6 months. Cold storage will extend shelf life.

**HANDLING & SAFETY**

MSDS information is available on request.

For more information visit [www.sspinc.com](http://www.sspinc.com). To order call **(518) 885-8826/** or Fax **(518) 885-4682**.

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