

## SSP553-80 Silicone Shielding Elastomers

### PRODUCT DESCRIPTION

SSP553-80 is an 80 durometer silicone that is filled with silver plated copper particles. This product is supplied as fully cured, conductive sheet stock, continuous extrusion profiles, or ready-to-mold compound. The data below was generated using ASTM test method and procedures.

DATA	Typical Values
Shore A (75-87 range)	80
Tensile psi (200 minimum)	285 psi
Elongation % (100-300 range)	280%
Tear "B" ppi (35 min)	60
Specific Gravity (3.25 – 3.95)	3.35
Volume Resistivity ohm / cm (0.005 max)	.0009 ohm /cm
Color	Tan or Gray
Thermal Stability Range	-45°C - 125°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.

### **Specialty Silicone Products, Inc.**

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