

SSP-502-40
Silicone Shielding Elastomer

PRODUCT DESCRIPTION

The SSP502-40 is a 40 durometer nickel coated graphite filled silicone elastomer. This product is supplied as ready-to-mold compound; fully cured, conductive sheets and continuous rolls.

DATA	Compound	Sheets	Rolls
Shore A (35- 45 range)	40	40	40
Tensile psi (100 minimum)	120	120	120
Elongation % (200 minimum)	800	800	800
Tear "B" ppi (Report)	40	40	40
Specific Gravity (1.85-2.00)	1.9	1.9	1.9
Volume Resistivity ohm / cm	.05 max	.25 max	1.0 max
Color	Black	Black	Black
Thermal Stability Range	-60°C - 220°C	-60°C - 220°C	-60°C - 220°C
Thermal Conductivity W/mK	0.75	0.75	0.75
Shielding Effectiveness 20MHZ-10GHZ (E-Field)	> 113	> 113	> 100

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. To order call **(518) 885-8826/** or Fax **(518) 885-4682**.

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