

### PRODUCT DESCRIPTION

The EVS502-40 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.

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

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### 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.



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