



# EVS-2486-70

## Conductive Fluorosilicone Elastomer

### PRODUCT DESCRIPTION

EVS-2486-70 is a Silver Plated Aluminum filled fluorosilicone conductive elastomer. This product is supplied as fully cured, conductive sheet stock, continuous extrusion profiles, or ready-to-mold compound. EVS2486-70 meets the requirements outlined in the MIL-G-83528C Type D specifications and is QPL listed.

Technical Data	Method	Typical Values
<b>Shore A</b> (63- 77 range)	ASTM D2240	70
<b>Tensile psi</b> (180 minimum)	ASTM D412	330 psi
<b>Elongation %</b> (60-260)	ASTM D412	245%
<b>Compression Set %</b> (30 max.)	ASTM D395 M-B	29% (70 hours at 100°C)
<b>Compression Deflection</b> (3.5% minimum)	ASTM D575	6%
<b>Specific Gravity</b> (1.75-2.25)	ASTM D792	2.10
<b>Volume Resistivity ohm / cm</b> (0.012 max.)	ASTM D991	.005 ohm /cm
<b>Color</b>	-	Blue
<b>Thermal Stability Range</b>	-	-60°C - 220°C

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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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