

PRODUCT DESCRIPTION

EVS-550-45 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. The data below was generated using ASTM test method and procedures. EVS550-45 was designed to meet the requirements outlined in the MIL-G-83528C specifications.

| Technical Data | Typical Values |
|------------------------------------------------|-------------------------|
| Shore A (40- 50 range) | 45 |
| Tensile psi (150 minimum) | 185 psi |
| Elongation % (300 minimum) | 350% |
| Compression Set % (30 min) | 21% (70 hours at 100°C) |
| Specific Gravity (1.75-2.25) | 2.08 |
| Volume Resistivity ohm / cm (0.012 max) | .002 ohm /cm |
| Color | Tan |
| Thermal Stability Range | -60°C - 220°C |
| Thermal Conductivity W/mK | 1.24 |

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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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