

## Conductive Fluorosilicone Elastomer

### PRODUCT DESCRIPTION

**SSP-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. SSP2486-70 meets the requirements outlined in the MIL-G-83528C Type D specifications and is QPL listed.

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



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