

SSP has developed a line of conductive silicone elastomers that are designed to meet the requirements outlined for the MIL-G-83528 specification. Our conductive materials are used to produce shielding gaskets for Military, Aerospace, electronics, and communications applications. Our range of conductive silicones has expanded to include materials that are designed to balance requirements for electrical conductivity and cost performance for the commercial sector. We supply our conductive products as an uncured moldable compounds, compression molded sheetstock, and, in some cases, as a continuous roll. These options allow customers to convert our silicones into their own finished product using the most efficient method for them. Please contact us for your EMI shielding needs anytime.



### ELECTRICALLY CONDUCTIVE SILICONES

| Product Number                                  | Product Description   | Max V.R.<br>(ohm/cm)  | Available<br>Durometers<br>Shore A | MIL-<br>DTL83528C<br>TYPE<br>REFERENCE          | Comparable Products & Part<br>Numbers for Reference              |
|---|---|---|------------------------------------|---|--|
| <b>SSP502 SERIES</b>                            | ELECTRICALLY CONDUCTIVE FILLED WITH NICKEL COATED GRAPHITE                | MOLDED SHEETS<br>.04<br><br>***For VR values of continuous roll product please contact SSP as VR values vary with thickness and shore A durometer spec*** | 30 to 75                           | N/A   | S6305, 6330, 6370, 6371, 6372, 6308, L6303<br>802 and 812 series |
| <b>SSP548 SERIES</b><br><b>SSP2368 SERIES</b>   | ELECTRICALLY CONDUCTIVE SILICONE FILLED WITH SILVER PLATED ALUMINUM       | .008  | 55 to 65                           | TYPE B<br>FULL QPL<br>CERTIFICATION<br>WITH DLA | 1285<br>805 series   |
| <b>SSP550 SERIES</b>                            | ELECTRICALLY CONDUCTIVE FLUOROSILICONE FILLED WITH SILVER PLATED ALUMINUM | .004  | 45 to 70                           | TYPE D  | 1287 and 1298<br>815 series                                      |
| <b>SSP547 SERIES</b><br><b>SSP553-85 SERIES</b> | ELECTRICALLY CONDUCTIVE SILICONE FILLED WITH SILVER PLATED COPPER         | .004  | 65 to 85                           | TYPE A<br>TYPE K                                | 1273, 1270, 1217, 1215<br>806 series                             |
| <b>SSP416 SERIES</b>                            | ELECTRICALLY CONDUCTIVE SILICONE FILLED WITH SILVER PLATED GLASS          | .006  | 55 to 80                           | TYPE M  | 1350 and 1310<br>803 series                                      |
| <b>SSP1529 SERIES</b>                           | SEMI-CONDUCTIVE SILICONE FILLED WITH CARBON BLACK FILLER                  | 10  | 70                                 | N/A   | CS6600<br>801 series   |