

**APPROVALS / CERTIFICATIONS**

Silver Silicone Fiberglass is base fabric meeting military specification MIL-C 20079F, which has been impregnated with our specially formulated silicone rubber compound. It provides a 25% add-on ratio to the base fiberglass fabric. This silicone coating adds extended life, while providing greater oil & water resistance than uncoated fabrics as well as low smoke and flame retardant.

**Note:** Material should be tested for its suitability in any application. Users should also familiarize themselves with the MSDS before handling \*Although base fabric is rated to 1000°F continuous operating temperature, silicone coating is rated to 500°F on a continuous basis.

**Details**

|                         |                               |  |
|-------------------------|-------------------------------|--|
| STYLE NO                | HSS-16                        |  |
| WEIGHT                  | 17.0 oz yd <sup>2</sup> ± 10% |  |
| THICKNESS               | 0.016" ± 10%                  |  |
| BASE FABRIC AND WEAVE   | Fiberglass / Satin Weave      |  |
|                         | Warp - 47                     |  |
|                         | Fill - 32                     |  |
| COLOR AND COATING       | Silicone (Silver or Red)      |  |
| TEMPERATURE RESISTANCE* | 500°F                         |  |
| TENSILE STRENGTH        | METHOD                        | FTMS 191A / M5102  |
|                         | WARP                          | 250 lbs / in min avg   |
|                         | FILL                          | 200 lbs / in min avg   |
| TEAR STRENGTH           | METHOD                        | FTMS 191 A / M5136   |
|                         | WARP                          | 50 lbs / in min avg  |
|                         | FILL                          | 25 lbs / in min avg  |
| FLAME RESISTANCE        | METHOD                        | FTMS 191A / M5903.1  |
|                         | FLAME OUT (SEC)               | 1 second   |
|                         | AFTERGLOW (SEC)               | 2.5 seconds  |
|                         | CHAR LENGTH (ins)             | 0.3 max avg  |
| BURST STRENGTH          | METHOD                        | FTMS 191A / M5122 (mullen) 400 lbs / in <sup>2</sup> min avg |

