

**Name**      **Flame Resistant Medium Silicone Sponge, AMS3195**  
**Code**      **30-SIL-SPGV0**

## 1. DIMENSIONS AND APPEARANCE

|                          |    |   |
|--------------------------|----|---|
| <b>Thickness</b>         | in | 1/16 - 1/2                              |
| <b>Length</b>            | ft | 25 - 100                                |
| <b>Width</b>             | in | 36, 48                                  |
| <b>Surface finishing</b> |    | Fabric finish, both sides               |
| <b>Cell structure</b>    |    | Closed cell                             |
| <b>Color</b>             |    | Grey, black, other available on request |

## 2. PHYSICAL PROPERTIES, typical

|                                     |                          |                          |            |
|-------------------------------------|--------------------------|--------------------------|------------|
| <b>Compression deflection (25%)</b> | psi (kPa)                | 6-14 (41-96)             | ASTM D1056 |
| <b>Density &lt; 0.25" thick</b>     | pcf (kg/m <sup>3</sup> ) | 43 (690) max.            | ASTM D1056 |
| <b>Density ≥ 0.25" thick</b>        | pcf (kg/m <sup>3</sup> ) | 34 (550) max.            | ASTM D1056 |
| <b>Compression set (22h, 100°C)</b> | %                        | 5                        | ASTM D1056 |
| <b>Tensile strength</b>             | psi (kPa)                | 100 (690)                | ASTM D412  |
| <b>Elongation</b>                   | %                        | 250                      | ASTM D412  |
| <b>Low temperature flexibility</b>  | °C (°F)                  | -55 (-67)                | ASTM D1056 |
| <b>Flammability</b>                 | rating                   | V-0                      | UL 94      |
| <b>Working temperature range</b>    | °C (°F)                  | -75 to 232 (-103 to 450) |            |

## 3. TOLERANCES

| TARGET THICKNESS, in (mm) | MINIMUM, mm | MAXIMUM, mm |
|---------------------------|-------------|-------------|
| 1/16 (1.6)                | 1.30        | 1.90        |
| 3/32 (2.4)                | 2.10        | 2.70        |
| 1/8 (3.2)                 | 2.80        | 3.60        |
| 3/16 (4.8)                | 4.40        | 5.20        |
| 1/4 (6.4)                 | 6.00        | 6.80        |
| 3/8 (9.5)                 | 9.00        | 10.00       |
| 1/2 (12.7)                | 12.20       | 13.20       |

**Length tolerance**                      +free / -0  
**Width tolerance**                      +free / -0