

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

## 1. DIMENSIONS AND APPEARANCE

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

## 2. PHYSICAL PROPERTIES, typical

| Compression deflection (25%)<br>Density < 0.25" thick<br>Density ≥ 0.25" thick<br>Compression set (22h, 100°C)<br>Tensile strength<br>Elongation<br>Low temperature flexibility<br>Flammability<br>Working temperature range | psi (kPa)<br>pcf (kg/m <sup>3</sup> )<br>pcf (kg/m <sup>3</sup> )<br>%<br>psi (kPa)<br>%<br>°C (°F)<br>rating | 6-14 (41-96)<br>43 (690) max.<br>34 (550) max.<br>5<br>100 (690)<br>250<br>-55 (-67)<br>V-0<br>75 to 222 ( 102 to 450) | ASTM D1056<br>ASTM D1056<br>ASTM D1056<br>ASTM D1056<br>ASTM D412<br>ASTM D412<br>ASTM D1056<br>UL 94 |
|--|---|--|---|
| Working temperature range  | °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 |

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