



**HANNA RUBBER COMPANY**

# Specification Sheet

## F-12 Silicone Foam

| Physical Property  | Test Method             | Value                |
|--|-------------------------|----------------------|
| Continuous Length (Yards)  |                         | up to 36"(914)(Wide) |
| Tensile Strength (PSI)   | ASTM D412               | 25                   |
| Elongation at Break (%)  | ASTM D412               | 60                   |
| Density (lb.ft <sup>3</sup> )                                      | ASTM D3574              | 12                   |
| Temperature Range (°F)   |                         | -60 to +400          |
| (°C)   |                         | (-51 to +204 )       |
| Vertical Burn (seconds)  | UL94V-0 and FAR 25.853B | <3                   |
| Compression Set (%)  | ASTM D1056              | 5                    |
| Thermal Conductivity (BTU-in./hr.- ft <sup>2</sup> - F) (K Factor) | ASTM C177               | 0.42                 |
| Compression Deflection (PSI)                                       | ASTM D1056              | 3.0                  |
| Colors - Standard  |                         | Gray                 |
| Colors - Optional  |                         | White, Black, Brown  |
| Surface Description  | Visual                  | Textured One Side    |
| Thickness/ Tolerance (inch)(mm)                                    | (1.59 ±0.40)            | 1/16±1/64            |
|  | ( 3.18±0.79)            | 1/8±1/32             |
|  | (4.76±0.79)             | 3/16±1/32            |
|  | (6.35+1.19,-0.79)       | 1/4+3/64-1/32        |
|  | ( 9.53±1.19)            | 3/8±3/64             |
|  | (12.7±1.19)             | 1/2±3/64             |
|  | (19.05±1.91)            | 3/4±0.0075           |
|  | (25.40±2.54)            | 1±0.1                |

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