



Viadon, LLC  
 26200 South Whiting Way  
 Monee IL 60449  
 Toll Free (866) 534-3900  
 Fax (708) 534-3957

[www.Viadon.com](http://www.Viadon.com)  
[www.Silicone-Sponge-Supply.com](http://www.Silicone-Sponge-Supply.com)

**PRODUCT:**

Series V23-300 Flame Retardant Silicone Foam – Medium Density

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**PRINCIPAL USES:**

Series V23-300 is a closed cell, flame retardant, medium density, silicone foam used in electronics, medical equipment, marine, construction and other high temperature applications. Uses include gaskets, sealing and thermal barriers. The material is lightweight, non-corrosive and has low compression set characteristics.

**TECHNICAL DATA:**

| Category               | Typical Value                                   | Test Method  |
|------------------------|---|--|
| Density                | 22 PCF<br>352 kg/m <sup>3</sup><br>.35 grams/cc | ASTM D-3574  |
| Compression Set        | <5%   | ASTM D-1056 – Compressed 50%,<br>22 hrs @ +158°F (+70°C) |
| Compression Deflection | 9 psi<br>62 kPa                                 | ASTM D-1056 – Compressed 25%,<br>@ room temperature      |
| Tensile                | 45 psi<br>310 kPa                               | ASTM D-412   |
| Elongation             | 80%   | ASTM D-412   |
| Thermal Conductivity   | .63   | W/m.K  |
| Flame Resistance       | Pass  | UL 94V0 and HF-1   |
| FDA                    | Pass  | FDA regulation 21 CFR 177.2600                           |
| Temperature Range      | +392°F (+200°C)<br>-67°F (-55°C)                |  |

**ISO 9001 Certified Master Distributor and Converter  
 A Courtright Company – Since 1938**



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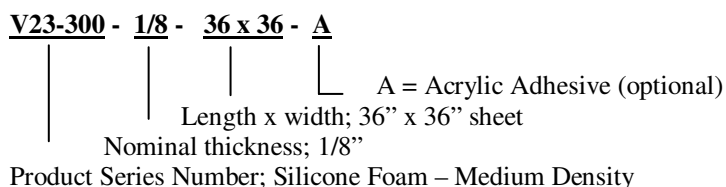
Series V23-300 Flame Retardant Silicone Foam – Medium Density

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**AVAILABLE PRODUCTS:**

| Part Number  | V23-300 Flame Retardant Silicone Foam – Medium Density |       |       |       |       |       |       |
|--|--|-------|-------|-------|-------|-------|-------|
| Fraction   | 1/16"  | 3/32" | 1/8"  | 3/16" | 1/4"  | 3/8"  | 1/2"  |
| Decimal  | .063"  | .094" | .125" | .188" | .250" | .375" | .500" |
| Millimeter   | 1.59   | 2.38  | 3.18  | 4.76  | 6.35  | 9.53  | 12.7  |
| Rolls  | X  | X     | X     | X     | X     | X     | X     |
| Sheets   | X  | X     | X     | X     | X     | X     | X     |
| Custom Die Cut   | X  | X     | X     | X     | X     | X     | X     |
| <b>X = standard product      Special = special order; minimum order quantities</b> |  |       |       |       |       |       |       |

**PART NUMBER SYSTEM:**



**COLORS:**

Gray

**NOTE:**

Specifications are typical values and should not be used for writing specifications.

**STORAGE TEMPERATURE:**

Store in cool, dry area at temperatures of 60 °F to 80 °F.

**CAUTION:**

All physical properties listed above have been obtained from random laboratory testing and should not be used for the purpose of writing specifications. THIS PRODUCT SHOULD BE TESTED TO DETERMINE THE SUITABILITY FOR ITS INTENDED USE.

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