



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

www.Viadon.com
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 352 kg/m ³ .35 grams/cc	ASTM D-3574
Compression Set	<5%	ASTM D-1056 – Compressed 50%, 22 hrs @ +158°F (+70°C)
Compression Deflection	9 psi 62 kPa	ASTM D-1056 – Compressed 25%, @ room temperature
Tensile	45 psi 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) -67°F (-55°C)	

**ISO 9001 Certified Master Distributor and Converter
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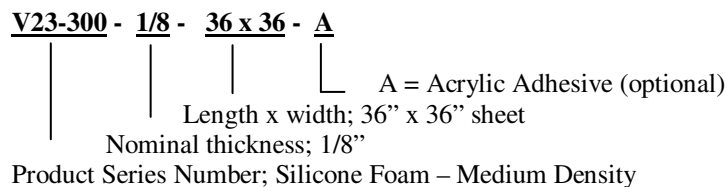
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AVAILABLE PRODUCTS:

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
X = standard product Special = special order; minimum order quantities							

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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