



Viadon, LLC
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www.Viadon.com
www.Silicone-Sponge-Supply.com

PRODUCT:

Series V23-100 Flame Retardant Open Cell Silicone Foam – Soft Density

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PRINCIPAL USES:

Series V23-100 is an open cell, flame retardant silicone foam with low smoke characteristics used in aviation, automotive, electronics, medical equipment, marine, construction, furniture, mass transit and other high temperature applications. Uses include gaskets, sealing, fire walls, thermal barriers and press pads. This material is lightweight, non-corrosive and has low compression set characteristics.

TECHNICAL DATA:

Category	Typical Value	Test Method
Density	12 PCF 192 kg/m ³ .19 grams/cc	ASTM D-3574
Compression Set	5%	ASTM D-1056 – Compressed 50%, 22 hrs @ +212°F (+100°C)
Compression Deflection	2-5 psi	ASTM D-1056 – Compressed 25%, @ room temperature
Thermal Conductivity	.39	BTUin./hr./ft. ² /F
Vertical Burn	Pass	UL 94 V1, V0 FAR 25.853
FDA Materials	Yes	21 CFR177.2600
Temperature Range	+392°F (+200°C) -67°F (-51°C)	



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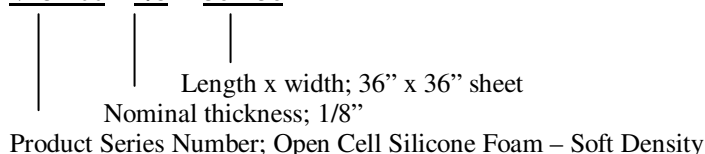
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AVAILABLE PRODUCTS:

Part Number	V23-100	Flame Retardant Open Cell Silicone Foam – Soft Density						
Fraction	1/16"	1/8"	3/16"	1/4"	3/8"	1/2"	3/4"	1"
Decimal	.063"	.125"	.188"	.250"	.375"	.500"	.750"	1.00"
Millimeter	1.59	3.18	4.76	6.35	9.53	12.7	19.1	25.4
Rolls	X	X	X	X	X	X	X	X
Sheets	X	X	X	X	X	X	X	X
Custom Die Cut	X	X	X	X	X	X	X	X
X = standard product		Special = special order; minimum order quantities						

PART NUMBER SYSTEM:

V23-100 - 1/8 - 36 x 36



COLORS:

White & Gray (V23-100G)

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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