

**PRODUCT:**

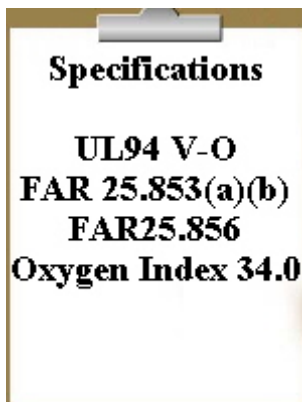
Series V23-000 Flame Retardant Silicone Foam – Soft Density

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**PRINCIPAL USES:**

Series V23-000 is a modified 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 <sup>3</sup> .19 grams/cc	ASTM D-3574
Compression Set	10%	ASTM D-1056 – Compressed 50%, 22 hrs @ +212°F (+100°C)
Compression Deflection	3 psi 21 kPa	ASTM D-1056 – Compressed 25%, @ room temperature
Tensile	25 psi 172 kPa	ASTM D-412
Elongation	60%	ASTM D-412
Thermal Conductivity	.42	in./hr.ft. <sup>2</sup>
Vertical Burn	< 3 seconds	UL 94V0 FAR 25.853b
Flame Spread Index	11.5	ASTM D-162
Limiting Oxygen Index	34.0%	ASTM 2863
FDA Extractables	Pass	21 CFR177.2600
Temperature Range	+400°F (+204°C) -60°F (-51°C)	



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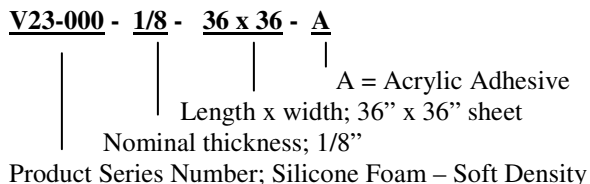
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**AVAILABLE PRODUCTS:**

Part Number	V23-000	Flame Retardant 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
		<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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