

PRODUCT:

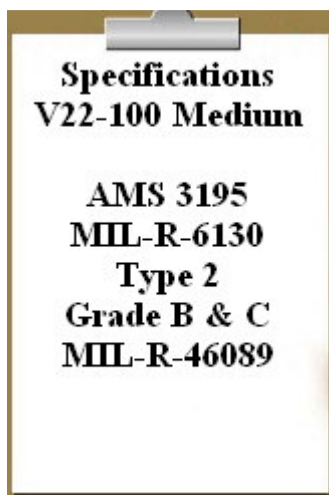
Series V22-100 General Purpose Silicone Sponge Rubber – Medium Density

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PRINCIPAL USES:

Series V22-100 general purpose silicone sponge rubber, medium density, is the most popular high temperature and low temperature gasket material. This closed cell silicone material is also used for press pads, thermal shielding, vibration mounts and other applications requiring sealing and resistance to ultraviolet light. UL recognized for gasket applications in outdoor lights.

TECHNICAL DATA:



Category	Typical Value	Test Method
Density	29 PCF 471 kg/m ³ .47 grams/cc	ASTM D-3574
Compression Set	25%	ASTM D-1056 – Compressed 50%, 22 hrs @ +212°F (+100°C)
Compression Deflection	10 psi 69 kPa	ASTM D-1056 – Compressed 25%, @ room temperature
Tensile	90 psi 621 kPa	ASTM D-412
Elongation	200%	ASTM D-412
Water Absorption	< 5%	ASTM D-1056
Linear Thermal Expansion	1.8 X 10 ⁻⁴ in./in./ °F	Room temp to +350°F (+177°C)
Outgassing	< 1% weight loss	NASA, 24 hrs @ +257°F (+125°C) in vacuum
Dielectric Strength	145 volts/mil	
Specific Heat	0.3 BTU/lb./ °F	
Temperature Range	+500°F (+260°C) -100°F (-73°C)	



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Series V22-100 General Purpose Silicone Sponge Rubber – Medium Density

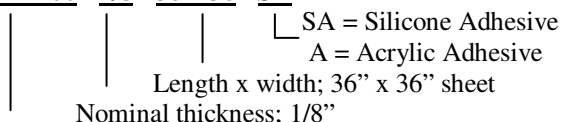
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AVAILABLE PRODUCTS:

Part Number	V22-100 General Purpose Silicone Sponge - Medium Density							
Fraction	1/32"	1/16"	3/32"	1/8"	3/16"	1/4"	3/8"	1/2"
Decimal	.031"	.063"	.094"	.125"	.188"	.250"	.375"	.500"
Millimeter	.79	1.59	2.38	3.18	4.76	6.35	9.53	12.7
Rolls	X	X	Special	X	X			
Sheets	X	X	Special	X	X	X	X	X
Custom Die Cut	X	X	Special	X	X	X	X	X
X = standard product Special = special order; minimum order quantities								

PART NUMBER SYSTEM:

V22-100 - 1/8 - 36 x 36 - SA



Product Series Number; Silicone Sponge Rubber – General Purpose – Medium Density – orange red

COLORS:

Orange-red = Standard

Black = Standard

Gray = Standard

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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