

**PRODUCT:**

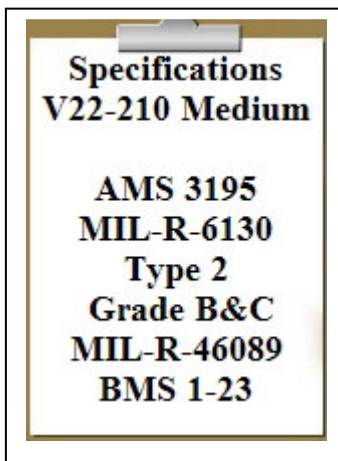
Series V22-210 Low Compression Set Silicone Sponge Rubber – Medium Density

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**PRINCIPAL USES:**

Series V22-210 low compression set silicone sponge rubber, medium density, is a high temperature and low temperature gasket material with a unique formula reducing compression set to 5%. This closed cell silicone material is also used for thermal shielding, vibration mounts and other applications requiring sealing and resistance to ultraviolet light and compression set.

**TECHNICAL DATA:**



Category	Typical Value	Test Method
Density	29 PCF 471 kg/m <sup>3</sup> .47 grams/cc	ASTM D-3574
Compression Set	5%	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	75 psi 517 kPa	ASTM D-412
Elongation	125%	ASTM D-412
Water Absorption	< 5%	ASTM D-1056
Linear Thermal Expansion	1.8 X 10 <sup>-4</sup> 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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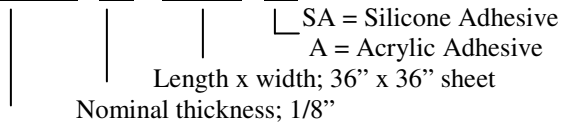
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**AVAILABLE PRODUCTS:**

Part Number	V22-210	Low Compression Set 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				
Sheets		X	Special	X	X	X	X	X
Custom Die Cut		X	Special	X	X	X	X	X
		X = standard product      Special = special order; minimum order quantities						

**PART NUMBER SYSTEM:**

V22-210 - 1/8 - 36 x 36 - SA



Product Series Number; Silicone Sponge Rubber – Low Compression Set – Medium Density

**COLORS:**

Brown

**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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