

**PRODUCT:**

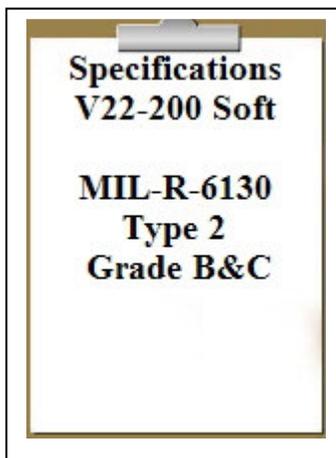
Series V22-200 Low Compression Set Silicone Sponge Rubber – Soft Density

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**PRINCIPAL USES:**

Series V22-200 low compression set silicone sponge rubber, soft 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	21 PCF 332 kg/m <sup>3</sup> .33 grams/cc	ASTM D-3574
Compression Set	5%	ASTM D-1056 – Compressed 50%, 22 hrs @ +212°F (+100°C)
Compression Deflection	5 psi 34 kPa	ASTM D-1056 – Compressed 25%, @ room temperature
Tensile	50 psi 344 kPa	ASTM D-412
Elongation	75%	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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**AVAILABLE PRODUCTS:**

Part Number	V22-200 Low Compression Set Silicone Sponge - Soft 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								
Sheets			<b>Special</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Custom Die Cut			<b>Special</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>X = standard product      Special = special order; minimum order quantities</b>								

**PART NUMBER SYSTEM:**

V22-200 - 1/8 - 36 x 36 - SA

SA = Silicone Adhesive  
 A = Acrylic Adhesive  
 Length x width; 36" x 36" sheet  
 Nominal thickness; 1/8"  
 Product Series Number; Silicone Sponge Rubber – Low Compression Set – Soft Density

**COLORS:**

Orange/Red

**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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