

PRODUCT:

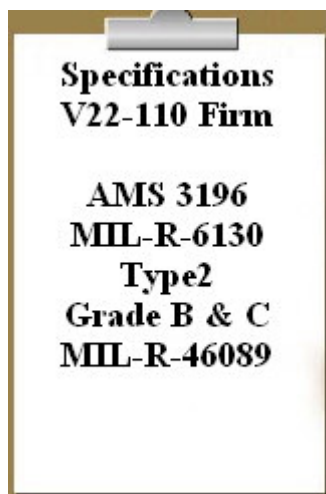
Series V22-110 General Purpose Silicone Sponge Rubber – Firm Density

Page 1 of 2

PRINCIPAL USES:

Series V22-110 general purpose silicone sponge rubber, firm density, is a 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	43 PCF 692 kg/m ³ .69 grams/cc	ASTM D-3574
Compression Set	25%	ASTM D-1056 – Compressed 50%, 22 hrs @ +212°F (+100°C)
Compression Deflection	16 psi 110 kPa	ASTM D-1056 – Compressed 25%, @ room temperature
Tensile	130 psi 896 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)	



Viadon, LLC
 26200 South Whiting Way
 Monee IL 60449
 Toll Free (866) 534-3900
 Fax (708) 534-3957

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

PRODUCT:

Series V22-110 General Purpose Silicone Sponge Rubber – Firm Density

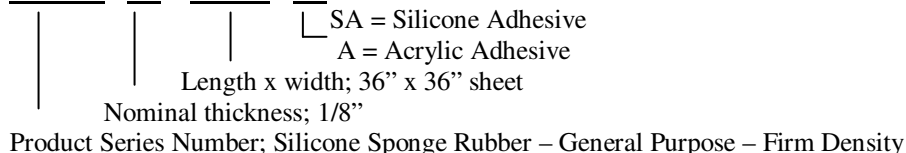
Page 2 of 2

AVAILABLE PRODUCTS:

Part Number	V22-110	General Purpose Silicone Sponge - Firm Density						
Fraction	1/32"	1/16"	3/32"	1/8"	3/16"	1/4"	3/8"	
Decimal	.031"	.063"	.094"	.125"	.188"	.250"	.375"	
Millimeter	.79	1.59	2.38	3.18	4.76	6.35	9.53	
Rolls		Special		Special				
Sheets			Special	X	X	X	X	
Custom Die Cut		Special	Special	X	X	X	X	
		X = standard product Special = special order; minimum order quantities						

PART NUMBER SYSTEM:

V22-110 - 1/8 - 36 x 36 - SA



COLORS:

Orange-red = Standard Black = Special

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.

**ISO 9001 Certified Master Distributor and Converter
 A Courtright Company – Since 1938**