

# CLOSED CELL SILICONE SHEETING—SOFT DENSITY

## Specification Sheet

### Description:

Silicone sponge is an excellent material for gasketing applications that require a soft compressible material. It is resistant to extreme temperatures and offers good compression set. It is available in Soft, Medium, Firm, and X-Firm Densities. Medium Density is the most popular. Generally the surface has a fine fabric finish on both sides.

### Features:

Extreme High & Low Temperatures, High Compressibility, Low Compression Set, UV / Ozone Resistant, Excellent Gasketing Material.

### Specifications:

ASTM D1056, Mil-Std 670 TE7, Mil-R-6130

### Physical Properties:

• Density, lbs/cubic in. Under 1/4" Thick	ASTM D 1056	.020
• Density, lbs/cubic in. Over 1/4" Thick	ASTM D 1056	.018
• Compression Deflection, PSI	ASTM D 575	7
• Compression Set, 22 hrs @ 212 °F	ASTM D 395	29
• Brittle Point °F	ASTM D 746	-103
• Temperature Range °F	ASTM D 573	-103—+450
• Water Absorption—*Note	*ASTM D 1056	Pass
• Tensile Strength, PSI	ASTM D 412	90
• Elongation, %	ASTM D 412	150

\*Note—Test Specimens Prepared have skin on all sides in accordance with ASTM D 3183 as allowed per ASTM D1056.



### Custom Fabricating & Supplies

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# ACRYLIC PSA

## Specification Sheet

### Description:

This is a nylon film coated on one side with a pressure sensitive silicone adhesive and backed with a clear ultra smooth polyester release liner on one-side and second side is coated iwht a pressure sensitive acrylic adhesive and backed with a one side clay coated semi-bleached release liner.

### Physical Properties:

#### Thickness (mil)

#### Value

#### Test Method

'Polyester Liner: 2.0 +/- 5%

ASTM D 3652 (Modified for use with non-tape product)

Silicone Adhesive: 2.9-3.1 +/-0.2

Film: 3.0 +/-10%

Acrylic Adhesive: 1.9-2.1 +/-0.2

PFM Liner: 4.7 +/-10%

### Adhesion Properties:

#### SILICONE ADHESIVE

180 Degree angle 12" min  
average oz/in

90 Degree angle 12" min  
average oz/in

ASTM D 3330 (Modified for dwell  
time)

#### ACRYLIC ADHESIVE

180 Degree angle 12" min  
average oz/in

90 Degree angle 12" min  
average oz/in

ASTM D 3330 (Modified for dwell  
time)

Expected Exterior Life: Depends on substrates, both adhesive is suitable for outdoor use.

Service Temperature: -40 °F to 320 °F (-40 °C to 150 °C)



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