

VENASET™ PRODUCT DESCRIPTION	
<p>VenaSet™ is a Sterile IV Catheter Securement Dressing made of a layer of hydrogel with a 3 mil translucent matte polyurethane film backing. The polyurethane backing is coated on one side with a skin friendly breathable acrylic based adhesive. The polyurethane backing extends beyond the hydrogel layer to create the VenaFrame™ Border. The polyurethane backing was designed for use in applications where moisture vapor transmission is desired. The release liner is made from a 5 mil (0.127 mm) PET (polyethylene terephthalate).</p>	
<ul style="list-style-type: none"> <li>➤ Catalog # 000210: 2.25" x 2.75" Dressing</li> <li>➤ Catalog # 000310: 3.125" x 3.75" Dressing with VenaFrame™ Border</li> <li>➤ Catalog # 000510: 4 x 4.75 " Dressing with VenaFrame™ Border</li> </ul>	
<p>Storage Specifications:            Temperatures: 41.0° - 80.6° F (5-27° C)            Humidity: 35-50%            Shelf Life (when stored as stated above): 1 year.</p>	

3 MIL TRANSLUCENT MATTE POLYURETHANE FILM SPECIFICATIONS			
<b>Carrier</b>	3 mil translucent matte polyurethane film.		
<b>Adhesive</b>	Medical grade acrylic adhesive formulated for sustained contact with human skin. Assessed by an independent bio-medical laboratory following ISO-10993 guidelines for skin contact properties.		
PHYSICAL PROPERTIES			
Performance Test	Unit of Measure	Typical Values	Testing Method
<b>MVTR</b>	<b>G / m<sup>2</sup> / 24 hour</b>	<b>500</b>	<b>Upright Cup (40° C, ambient RH)</b>
<b>180° Peel Stainless Steel</b> 30 minute dwell 24 hour dwell	<b>lbs./in<sup>2</sup> (N/25mm)</b>	<b>4.7 (21.0)</b> <b>8.6 (38.3)</b>	<b>PSTC - 1</b>
<b>Loop Track</b>	<b>lbs./in<sup>2</sup> (N/25mm)</b>	<b>2.3 (10.4)</b>	<b>PSTC - 16</b>
<b>Shear 1kg @ 72°F</b>	<b>hours</b>	<b>55</b>	<b>PSTC - 7</b>
<b>Tensile (Carrier Only)</b>	<b>lbs./in<sup>2</sup> (N/25mm)</b>	<b>6500 (41.368)</b>	<b>ASTM - D882</b>
<b>Elongation (Carrier Only)</b>	<b>Percent %</b>	<b>625</b>	<b>ASTM - D882</b>
<b>Thickness</b> Carrier & Adhesive	<b>Inches (microns)</b>	<b>.004 (101.6)</b>	

HYDROGEL SPECIFICATIONS	
Property/Test Method	Specification
Volume Resistivity	1500 ohm-cm max
Stainless Steel (Skin Side) Adhesion (180° Peel, grams per inch of width)	160 grams min <sup>1</sup>
Cytotoxicity	Pass
Primary Skin Irritation Test	Pass
Delayed Contact Hypersensitivity Test	Pass
Hydrogel Thickness	35 mils (+/- 5 mils)
Hydrogel Process pH	4.2 (=/- 0.5)

1. Stainless Steel is not a true measure of skin adhesion. VenaSet™ has a good "quick grab" and excellent restick.