

VENASET™ PRODUCT DESCRIPTION

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).

- Catalog # 000210: 2.25" x 2.75" Dressing
- Catalog # 000310: 3.125" x 3.75" Dressing with VenaFrame™ Border
- Catalog # 000510: 4 x 4.75 " Dressing with VenaFrame™ Border

Storage Specifications:

Temperatures: 41.0° - 80.6° F (5-27° C)

Humidity: 35-50%

Shelf Life (when stored as stated above): 1 year.

3 MIL TRANSLUCENT MATTE POLYURETHANE FILM SPECIFICATIONS

Carrier	3 mil translucent matte polyurethane film.
Adhesive	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
MVTR	G / m ² / 24 hour	500	Upright Cup (40° C, ambient RH)
180° Peel Stainless Steel 30 minute dwell 24 hour dwell	lbs./in ² (N/25mm)	4.7 (21.0) 8.6 (38.3)	PSTC - 1
Loop Track	lbs./in ² (N/25mm)	2.3 (10.4)	PSTC - 16
Shear 1kg @ 72°F	hours	55	PSTC - 7
Tensile (Carrier Only)	lbs./in ² (N/25mm)	6500 (41.368)	ASTM - D882
Elongation (Carrier Only)	Percent %	625	ASTM - D882
Thickness Carrier & Adhesive	Inches (microns)	.004 (101.6)	

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 ¹
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.