



Medical Grade PVC

FDA Approved Healthcare Films

Medical Grade PVC

O'Sullivan Films, Inc. medical grade PVC films are manufactured using FDA-approved raw materials for a variety of medical device applications and are designed to meet USP class VI and class III standards. The products can be custom formulated for color, opacity, feel, physical properties, texture, and are available in phthalate-free versions.

Product Overview

Description	PVC compact sheet
Applications	Blood storage, enteral feeding, IV/transfusion, neonatal, drainage
Processing	RF and ultrasonic welding, UV printing, hot stamping

Dimensional, Color & Weight Properties

Thickness	0.004" (0.10mm) to 0.050" (1.27mm)
Width	3" to 72"
Density	1.24 g/cm ³ (nominal)

Physical Properties

Elongation	Machine direction: 400%	ASTM D882
	Cross direction: 400%	ASTM D882
Tensile Strength	Machine direction: 2500 psi	ASTM D882
	Cross direction: 2500 psi	ASTM D882
100% Modulus	Machine direction: 1000 psi	ASTM D882
	Cross direction: 1000 psi	ASTM D882
Hardness	74 +/- 5 Shore A	ASTM D2240
Dimensional Stability	< 4.0%	10 min @ 100°C
Low Temperature	-20 °F	ASTM D1790

Additional Properties

FDA	Drug Master File Listings (BBMF-10411, BBMF-14461)
USP	Class III, Class VI
Reach	Compliant
Prop 65	Compliant
CPSIA	Compliant
Plasticizer Content	Phthalate and Phthalate Free Formulations

Properties listed do not constitute a warranty or specification. Test values are based on material conditioned and tested in a controlled laboratory using established standards and procedures. Properties vary based on embossed grain, color, multi-ply lamination and other variables.

O'Sullivan Films, Inc.

1944 Valley Avenue | Winchester, Virginia 22601 | USA
 Phone: +1 800 336 9882 | www.continental-industry.com



For more information and additional collections, scan this code and visit www.continental-industry.com.

The content of this publication is not legally binding and is provided as information only. The trademarks displayed in this publication are the property of Continental AG and/or its affiliates. Copyright © 2019 ContiTech AG. All rights reserved. For complete information go to: www.continental-industry.com/disclosure_en.

