



*VCF FILMS, Inc.*

## **SPECIALTY FILMS --- PRODUCT INFORMATION**

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### **P-500 SOLVENT CAST PVC FILM**

**P-500 is a rigid solvent cast clear PVC film with superior clarity, very low haze and excellent processability.**

#### **BENEFITS**

- ❖ **Very low birefringence for laser clarity**
- ❖ **Superior Clarity**
- ❖ **Very Low Haze**
- ❖ **Pin Hole Free**
- ❖ **Excellent Heat Sealing**
- ❖ **Excellent Dimensional Stability**
- ❖ **Good Vacuum-Forming Properties**
- ❖ **Good Acid & Grease Resistance**
- ❖ **Good Resistance to:**
  - **Moisture**
  - **Vapor**
  - **Common Gases**

#### **FDA COMPLIANT**

P-500 PVC film has been designed to be used in direct food contact applications and complies with FDA food additive regulation 21 CFR 177.300 and 21 CFR 177.1210

# VCF FILMS, INC.

## P-500

GAUGES: 0.001 TO 0.002

Widths Up to 54"

Property	Units	Typical Value	Test Method
Specific Gravity		1.4	D792-50 Method A
Yield	Sq. in/lb/mil	19,772	
Tensile Strength	Psi -MD	7885	D882-95a
Ultimate Elongation	% - MD	2.8	D882-95a
Property Tear Resistance	g/mil @25C	16	D1938-67
Stiffness	Psi@25C	360,840	D1043.51
Low Temperature Impact	Degrees C -50% Non Failure	108	SPI Impact Test
Heat Sealing-.001 &.002	Degrees C	163	
Shrinkage MD&TD	@ 200F / 30 mins	5.5%	D1204-94
Oil Extraction	% @ 50/24	nil	D12339-52T

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