



VCF FILMS, Inc.

SPECIALTY FILMS --- PRODUCT INFORMATION

LXP-453 SOLVENT CAST PVC FILM

LXP-453 is a rigid solvent cast clear PVC film with superior clarity, very low haze and excellent processability over a wide range of temperatures.

BENEFITS

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

FDA COMPLIANT

LXP-453 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.

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LXP-453

GAUGES: 0.001 TO 0.003

Widths Up to 54"

Property	Units	Typical Value	Test Method
Specific Gravity		1.38	
Yield	Sq. in./lbs/mil	19,900	
Tensile Strength	Psi -MD	8300	D882
Ultimate Elongation	% - MD	4.45	D882
Tear Resistance	g/mil @23C, MD	15.1	D1938-94
Stiffness	Psi@25C	372,662	D1043.51
Low Temperature Impact	Degrees C -50% Non Failure	48	SPI Impact Test
Heat Sealing	Degrees C, 1.65 mil	146	
Shrinkage MD&TD	@ 200°F / 10 mins	5 %	D1204-94
Shrinkage MD&TD	@ 200°F / 30 mins	5 %	
Gas Permeability	@ 25 C dry: cc/100sq.in/24		
Oxygen	hr./mil	17	
Nitrogen		7	
Carbon Dioxide		42	
Air		10	
Oil Extraction	% @ 50/24	Nil	D12339-52T
Water Vapor Transmission	95% RH; 100F, grams/100 sq. in/24/mil	4	
Water Absorption-.075" Specimen	% Absorption	0.02	D570-42
	% Soluble Matter Lost	0.00	D570-41
Water Extraction-.002" Specimen	50C /24 hrs, %	0.2	D1239-52T
Volatility	70C /24 hrs, %	0.5	D1203-52T

The information and suggestions contained herein represent the best information available to VCF Films, Inc., and we believe them to be reliable. They should not, however, be construed as controlling and are present without guarantee of performance either express or implied. We urge purchasers to conduct confirmatory tests to determine final suitability for their specific use. No statement with respect to use is intended as a positive recommendation for such use and no warranty with respect to infringement of patents held by others is made or intended.