



VCF FILMS, Inc.

SPECIALTY FILMS --- PRODUCT INFORMATION

C-254 SOLVENT CAST PVC FILM

C-254 is a solvent cast flexible PVC film with excellent clarity and high tear strength. C-254 is designed for applications in which toughness and resistance to moisture vapor and common gases are required. C-254 can be die cut, heat sealed, sewed and vacuum formed to provide a variety of industrial and consumer products.

BENEFITS

- ❖ **Superior Clarity**
- ❖ **Ultra Low Haze**
- ❖ **Pin Hole Free**
- ❖ **High Tear Strength**
- ❖ **Excellent Toughness.**
- ❖ **Good Moisture Vapor Resistance**
- ❖ **Can Be Die Cut For Label Stock/ Decals**

NOT FDA COMPLIANT

C-254 PVC film should not be used in food packaging applications or in use in contact with food.

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C-254

GAUGES: .001 TO .005

Widths Up to 54"

Property	Units	Typical Value	Test Method
Specific Gravity		1.27	D792-50 Method A
Yield	Sq. in./lbs/mil	21,600	
Tensile Strength	Psi -MD	3,500	D882-61T Method A
Ultimate Elongation	% - MD	450	D882-61T Method A
Tear Resistance	g/mil @25C	25	D1938-67
Stiffness	Psi @ 25C Psi @ 0 C Psi @-25 C	8,000 100,000 300,000	D1043.51
Low Temperature Impact	Degrees C -50% Non Failure	-15	SPI Impact Test
Heat Sealing-.001 &.002	Degrees C 163	180 185	
Shrinkage MD&TD	@ 100C / 10 mins	5%	D1204-52T
Gas Permeability Oxygen Nitrogen Carbon Dixode Air	@ 25 C dry: cc/100sq.in/24 hr./mil	80 20 500 35	
Oil Extraction	% @ 50/24	65	D12339-52T
Water Vapor Transmission	95% RH; 100F, grams/100 sq. in/24/mil	0.1 0.0	
Water Absorption-.075" Specimen	% Absorption % Soluble Matter Lost	0.49 0.00	D570-42 D570-41
Water Extraction-.002" Specimen	50C /24 hrs, %	0.49	D1239-52T
Volatility	70C /24 hrs, %	5.5	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.