

## C-254

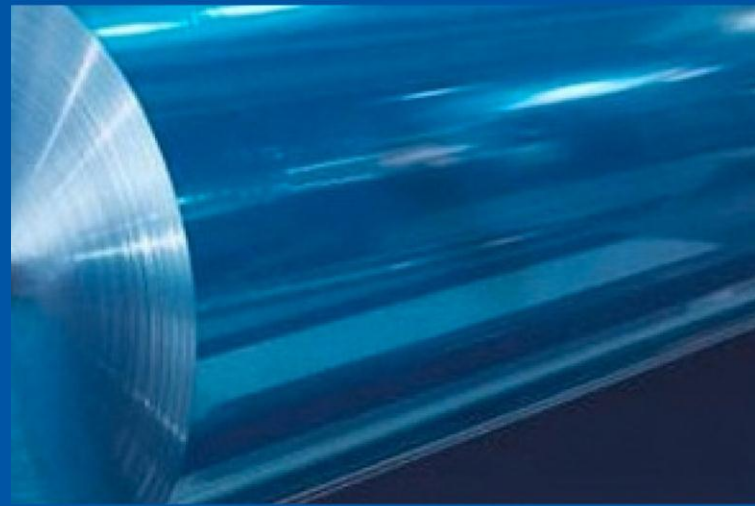
### Solvent Cast PVC Film

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
- Excellent toughness
- Good Moisture Vapor Resistance
- Low haze
- High Tear Strength
- Can Be Die Cut for Label Stock/Decals

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



Revision Date:	11/20/12		
<b>Property</b>	<b>Units</b>	<b>Typical Value</b>	<b>Test Method</b>
Specific Gravity		1.27	D792-50 Method A
Yield	Sq. in./lbs/mil	21,600	
Tensile Strength	Psi -MD	3,500	
Ultimate Elongation	% - MD	450	
Tear Resistance	g/mil @25C	25	
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-0.001 & 0.002	Degrees C	180 185	
Shrinkage MD&TD	@ 100C / 10 mins	5%	D1204-52T
Gas Permeability	@ 25 C dry: cc/100sq.in/24 hr./mil		
Oxygen		80	
Nitrogen		20	
Carbon Dioxide		500	
Air		35	
Oil Extraction	% @ 50C/24 hrs	65	D1239-52T
Water Absorption-0.075" Specimen	% Absorption	0.49	D570-42
	% Soluble Matter Lost	0.00	D570-41
Water Extraction-0.002" Specimen	50C /24 hrs, %	0.49	D1239-52T
Volatility	70C /24 hrs, %	5.5	D1203-52T



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