

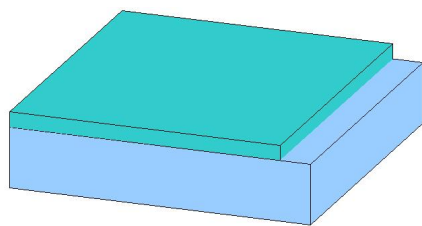


## Polyfilm Polyplex Polyester Films

### Type: VCS2000 PVDC coated 13.2my

Polyfilm VCS2000 is a transparent barrier Polyester film PVDC coated on one side, designed for high barrier flexible packaging applications (OTR = 8cc). It has good moisture, oxygen and aroma barrier suitable for "see-through" packaging structure. It is suitable for product requiring extended shelf life applications and MAP packages. It can be laminated using one or two components, solvent base and solvent less based adhesives. PVDC sides can be printed with appropriately formulated inks. It has good mechanical properties, high clarity and gloss. PVDC film roll should be stored at ambient temperature and exposure to UV/warm light should be avoided.

### Composition



### treatment

VCS2000-O: coating wound outside

VCS2000-I: coating wound inside

### Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	13.2	Polyplex Method	
Yield	m <sup>2</sup> /kg	53.2	Polypex Method	
Unit weight	g/m <sup>2</sup>	18.8		
Elongation at break	MD %	130	ASTM D-882	
	TD %	125		
Tensile strength	MD kg/cm <sup>2</sup>	2200	ASTM D-882	

Property	Units		Nominal	Method	Conditions
	TD	kg/cm <sup>2</sup>	2300		
<b>Thermal Properties</b>					
Heat shrinkage	MD	%	2.0	ASTM D-1204	150 Deg. C/30 minutes
	TD	%	0.2		
<b>Surface Properties</b>					
Co-efficient of friction (A/B) static			0.65	ASTM D-1894	
Co-efficient of friction (A/B) dynamic			0.55	ASTM D-1894	
Surface tension treated side		dyne/cm	56	ASTM D-2578	
<b>Optical Properties</b>					
Haze		%	4.5	ASTM D-1003	
<b>Barrier Properties</b>					
WVTR		g/m <sup>2</sup> /day	8.0	ASTM F-1249	37.7 Deg. 90% RH
O2 Permeability		cc/m <sup>2</sup> /day	8.0	ASTM D 3985-95	23 Deg. 0% RH

## Disclaimer

The information given above is to the best of our knowledge and experience at the time of printing. We make no warranty, express or implied, for specific product properties or as to the fitness of the product for any specific use or purpose. The above data is purely for reader's consideration, investigation and verification and should be read in conjunction with the general conditions for sale.

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