



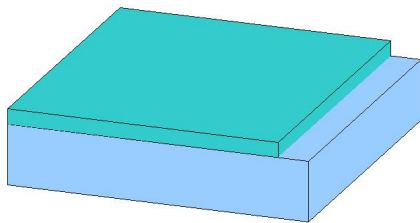
Polyfilm Polyplex Polyester Films

Type: VCS2000 PVDC coated 11.2my

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. The unit weight of this film is only 16gr/m² as Standard 12my PET film.

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	11.2	Polypex Method	
Yield	m ² /kg	62.5	Polypex Method	
Unit weight	g/m ²	16.0		
Elongation at break	MD %	130	ASTM D-882	

Property	Units		Nominal	Method	Conditions
	TD	%	125		
Tensile strength	MD	kg/cm ²	2200	ASTM D-882	
	TD	kg/cm ²	2300		
Thermal Properties					
Heat shrinkage	MD	%	2.0	ASTM D-1204	150 Deg. C/30 minutes
	TD	%	0.2		
Surface Properties					
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	
Optical Properties					
Haze		%	4.5	ASTM D-1003	
Barrier Properties					
WVTR		g/m ² /day	8.0	ASTM F-1249	37.7 Deg. 90% RH
O2 Permeability		cc/m ² /day	8.0	ASTM D 3985-95	23 Deg. 0% RH

Disclaimer

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