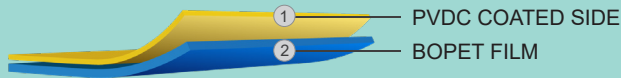


# 1S PVDC COATED PET PETPV1

## 1 SIDE PVDC COATED PET

A one-sided blend of PVDC Coated Film on one side and the other side plain BOPET.



## FEATURES:

- Excellent printability on coated side.
- Outstanding barrier properties moisture, oxygen, and aroma even at high humidity conditions.
- High transparency.
- Excellent dimensional stability, stiffness and mechanical properties.
- PVDC coated BOPET films can be easily laminated with other substrates.

## APPLICATION:

- Laminates with extended shelf-life and aroma barrier.
- Suitable for flexography and gravure printing.
- Suitable for "see-through" applications.
- Not recommended for pasteurization/sterilization applications

PROPERTIES	TEST METHOD	UNIT	12	13	14
Nominal Thickness	Internal	micron	12	13	14
		gauge	48	52	56
		mil	0.48	0.52	0.56
Unit Weight ( ± 5% )	Internal	gm / m <sup>2</sup>	16.5	17.9	19.3
		lbs / ream	10.1	10.9	11.8
Yield	Internal	m <sup>2</sup> / kg	60.6	55.8	51.8
		sq in / lb	42600	39231	36419
<b>MECHANICAL PROPERTIES</b>					
Tensile Strength (Min)	ASTM D-882	kg / cm <sup>2</sup>	MD	1800 - 2200	
			TD	2000 - 2300	
		psi	MD	25601 - 31290	
			TD	28446 - 31290	
Elongation (Min)	ASTM D-882	%	MD	90 - 110	
			TD	70 - 90	
<b>THERMAL PROPERTIES</b>					
Linear Shrinkage (150°C, 30 min)	ASTM D-1204	%	MD	<2.5	
			TD	<0.5	
<b>SURFACE PROPERTIES</b>					
Co-efficient of Friction (A/B)	ASTM D-1894	-	Dy	0.40 - 0.50	
Surface Tension	ASTM D-2578	dyne / cm	PVDC Coated Side	>50	
<b>OPTICAL PROPERTIES</b>					
Haze (Max)	ASTM D-1003	%		4.0	
<b>BARRIER DATA</b>					
MVTR, 38°C, 90% RH (max)	ASTM F-1249	g / m <sup>2</sup> / day	8		
		gm / 100in <sup>2</sup> / day	0.5		
OTR, 23°C, 0% RH (max)	ASTM D-3885	cc / m <sup>2</sup> / day	8		
		cc / 100in <sup>2</sup> / day	0.5		

\* MD = Machine Direction, \* TD = Transverse Direction

## Storage & Handling:

Storage temperature below 30°C & humidity 55±5 % is recommended in order to avoid any deterioration of the film surface properties. Excess humidity and heat can cause problem such as fast treatment decay, which can affect the quality of printing and coating. It is recommended to use the material on FIFO basis and within six months from the date of production.