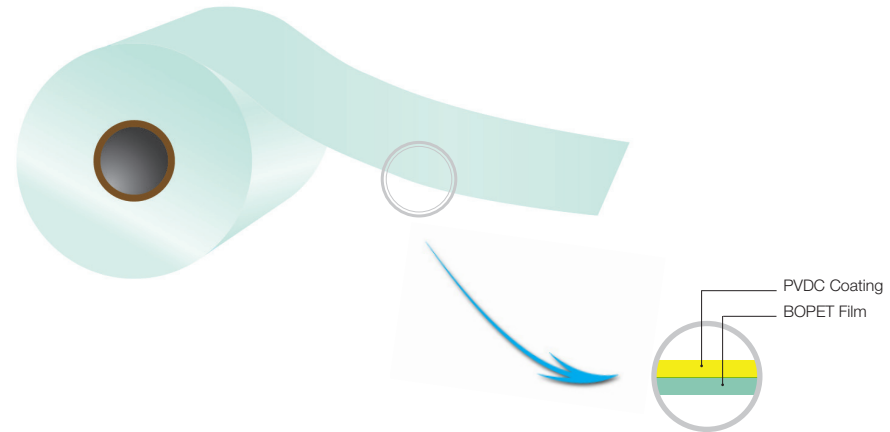


PETLAR-PX grade is a Bi-axially Oriented PVDC Coated Transparent Polyester film with excellent barrier and high gloss properties. The grade of film is designed to provide good barrier to water, oxygen and other gases. The film also provide excellent adhesion to inks and moderate heat seal ability to itself and other PET Substrates.

PETLAR-PX grade conforms latest EC directives, REACH specifications and US FDA regulations for food contact applications. This grade is available in thickness range of 8 to 50 Microns (32-200 Gauge).



APPLICATIONS

- Transparent Barrier Applications

Standard Roll Presentation				
Core ID		6 Inch/152MM	3 Inch/76MM	
Thickness (Micron)		12		
Length (Meters)	9000		400	Approx Outer Roll Diameter (mm)
	12000		455	
	18000	580	560	
	24000	660		
	42000	850		
Width Range		400-2500 mm / 15-99 Inch		

Customised specs also available on request

SRF Limited, Packaging Films Business

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Kashipur: Plot No -12, Rampura, Ramnagar Road, Kashipur-244713, Distt. Udham Singh Nagar, Uttaranchal, **India.**

Rayong: D-20, Hemraj Eastern Seaboard Industrial Estate, 112, M003, Tambon Tasith, Amphur Pluakdaeng, Rayong Province 21140, **Thailand.**



Typical values

Properties	Unit	Test Method	Product Code	
			PX0120	PX0140
GENERAL				
Nominal Thickness	Micron	SRF Method	12	14
Base Film Thickness	Micron		10	12
	Gauge		48	56
Yield	m ² /kg in ² /lb		60 42000	51 36000
MECHANICAL				
Tensile Strength (min)	MD	ASTM D 882	2000 29	2000 29
	TD		2100 30	2100 30
Elongation at Break (min)	MD	ASTM D 882	100	100
	TD		90	90
SURFACE				
Coefficient of Friction	Static	ASTM D 1894	0.50	0.50
	Dynamic		0.45	0.45
Surface Energy	Plain Side	ASTM D 2578	44	44
	PVDC Side		54+	54+
THERMAL				
Shrinkage (150°C, 30 min)	MD	ASTM D 1204	2.2	2.2
	TD		0.4	0.4
OPTICAL				
Haze		ASTM D 1003	5.0	5.0
Transmittance			90	90
BARRIER				
WVTR (38°C & 90% RH)	gm/m ² /day	ASTM F 1249	8.0	7.0
	gm/100in ² /day		0.52	0.45
OTR (23°C & 0% RH)	cc/m ² /day	ASTM D 3985	8.0	7.0
	cc/100in ² /day		0.52	0.45

MD – Machine Direction | TD – Transverse Direction

Notes: 1) Above properties can be modified to suit customer's requirement; 2) Unless otherwise specified, the values given above are nominal.

DISCLAIMER

The information contained herein is to be used only as a guideline for using PETLAR film. The specifications and characteristics mentioned are based on reliable test procedures. Users of this film should make independent assessment by their own for its suitability to their end use. SRF Ltd does not offer any guarantee on the results and does not accept any liability arising out of the use of the information contained herein.