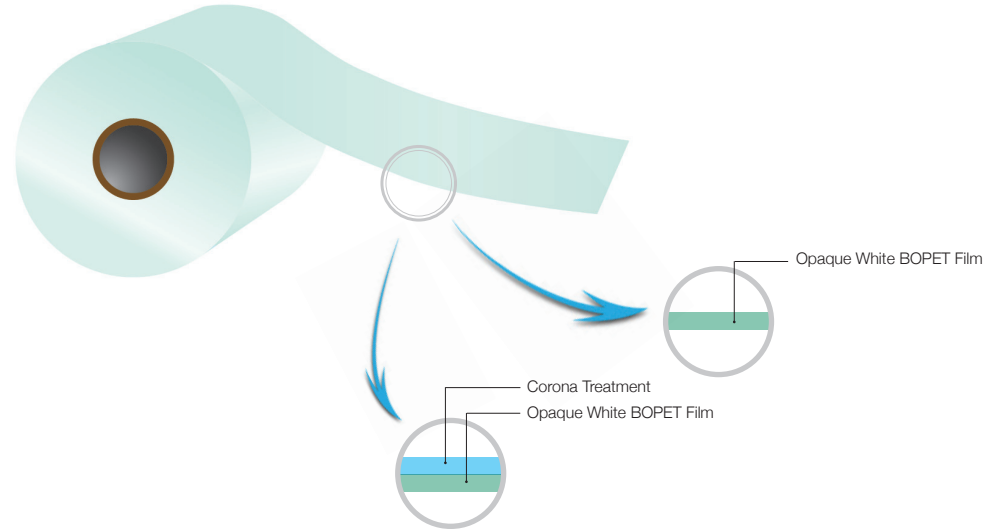


PETLAR-OW grade is a Biaxially Oriented Polyester Film with high opacity and whiteness. One side of the film can be chemically coated or corona treated as per end use application. The coated surface gives excellent adhesion to a wide range of inks and laminating adhesives, thus improving the bond strength of flexible laminate. The film possesses excellent flatness and thermal stability at high temperatures.

PETLAR-OW grade conforms latest EC directives, REACH specifications and US FDA regulations for food contact applications. This grade is available in thickness range of 18 to 75 Microns (72-300 Gauge).



APPLICATIONS

- Flexible Packaging
Printing (including inkjet and photographic), Coating, Lamination
- Self Adhesive face stock, lidding,
Cards (Prepaid, Security Access, Credit Cards etc)
- Replacement of Paper as backing in blister packs

Standard Roll Presentation - 6 Inch / 152 mm Core Diameter							
Thickness (Micron)		18	23	36	50	75	Approx Outer Roll Diameter (mm)
Length (Meters)	3000				495	590	
	6000	430	475	570	675	810	
	9000	510	560	700			
	12000	580	650	795			
	18000	700					
	24000	800					
Width Range		400-2500 mm / 15-99 Inch					
<i>Customised specs also available on request</i>							

Standard Roll Presentation - 3 Inch / 76 mm Core Diameter							
Thickness (Micron)		18	23	26	50	75	Approx Outer Roll Diameter (mm)
Length (Meters)	3000				400	470	
	6000			425	560	650	
	9000	400	450	515			
	12000	485	515	590			
	18000	560					
Width Range		400-1500 mm / 15-59 Inch					
<i>Customised specs also available on request</i>							

SRF Limited, Packaging Films Business

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Indore: Plot No C 1-8, C 21-30, Indore Special Economic Zone, Pithampur - 454775, Distt. Dhar, Madhya Pradesh, India.

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.



Opaque White Polyester Film

PETLAR-OW

Properties		Unit	Test Method	Product Code				
				OW0180	OW0230	OW0360	OW0500	OW0750
GENERAL								
Nominal Thickness	Micron	Gauge	SRF Method	18	23	36	50	75
				72	92	144	200	300
Yield	m ² /kg	in ² /lb		40	31	20	14	10
				28000	22000	14000	10100	6800
MECHANICAL								
Tensile Strength (min)	MD	kg/cm ² (kpsi)	ASTM D 882	1800	1700	1600	1500	1500
				26	24	23	21	21
	TD	kg/cm ² (kpsi)		1800	1700	1600	1500	1500
				26	24	23	21	21
Elongation at Break (min)	MD	%	ASTM D 882	100	110	110	110	110
	TD			90	100	100	100	100
SURFACE								
Coefficient of Friction	Static	-	ASTM D 1894	0.45	0.45	0.45	0.45	0.45
	Dynamic	-		0.40	0.40	0.40	0.40	0.40
Surface Energy	Plain Side	Dyne/cm	ASTM D 2578	44	44	44	44	44
	Corona Side			52+	52+	52+	52+	52+
	Acrylic Side			42	42	42	42	42
THERMAL								
Shrinkage (150°C, 30 min)	MD	%	ASTM D 1204	2.2	2.2	2.2	2.2	2.2
	TD			0.4	0.4	0.4	0.4	0.4
OPTICAL								
Haze		%	ASTM D 1003	98	98	98	98	98
Transmittance				75	80	85	87	90
BARRIER								
WVTR (38°C & 90% RH)	gm/m ² /day	gm/100in ² /day	ASTM F 1249	<30	<25	<20	<15	<10
				<1.9	<1.6	<1.3	<0.9	<0.6
OTR (23°C & 0% RH)	cc/m ² /day	cc/100in ² /day	ASTM D 3985	<90	<70	<50	<40	<30
				<5.6	<4.4	<3.1	<2.5	<1.9

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 given above is known to the best of our knowledge and experience. Some of the properties can be changed as a result of supplier's effort to improve upon the quality of production efficiency of the subject. The information is believed to be the true and accurate and is not intended to violate any statutory condition or right of third party. SRF makes no warranty, express or implied, as to the fitness of the product for any specific use or purpose. The above data is purely for the readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract.