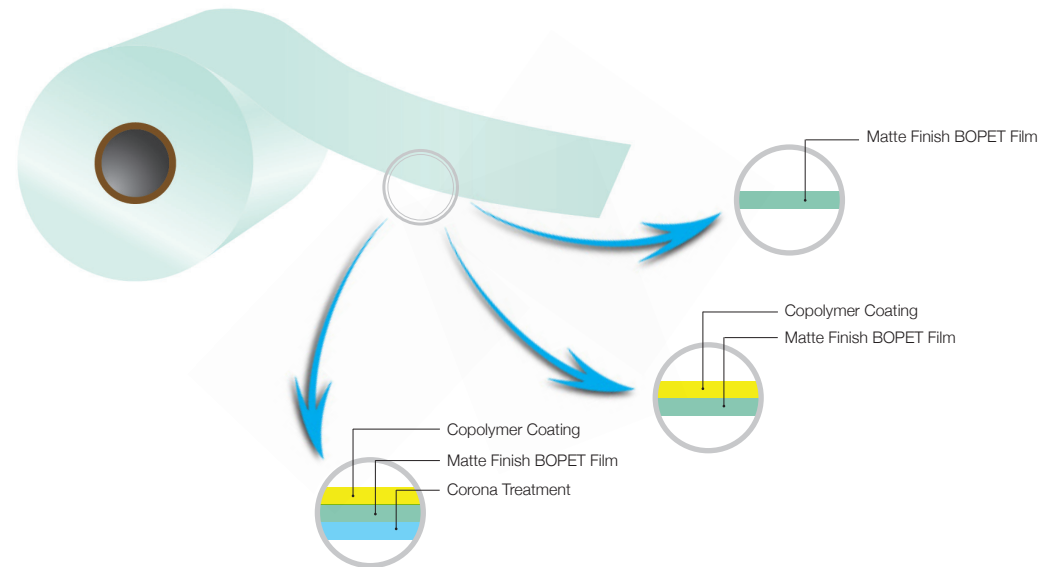


PETLAR-PH grade is a Biaxially Oriented Transparent Polyester Film which provides excellent matte effect. This grade is available with one side/ both side Matte effect. The film surface can be corona treated/chemical coated for better adhesion to printing inks & laminating adhesives. The film possesses good mechanical, surface & thermal properties and ensures excellent processability.

PETLAR-PH grade conforms latest EC directives, REACH specifications and US FDA regulations for food contact applications. This grade is available in thickness range of 12 to 36 Microns (48-144 Gauge).



APPLICATIONS

- Flexible Packaging
Printing, Coating, Lamination
- Metallizing
- Decorative Packaging for Premium Appearance

Standard Roll Presentation - 6 Inch / 152 mm Core Diameter								
Thickness (Micron)	12	15	19	23	30	36		
Length (Meters)	6000			440	475	540	570	Approx Outer Roll Diameter (mm)
	9000		470	525	560	650	700	
	12000		540	600	650	740	795	
	18000	580	645	715				
	24000	660	740					
	36000	795						
	42000	850						
Width Range	400-2500 mm / 15-99 Inch							
Customised specs also available on request								

Standard Roll Presentation - 3 Inch / 76 mm Core Diameter								
Thickness (Micron)	12	15	19	23	30	36		
Length (Meters)	3000						400	Approx Outer Roll Diameter (mm)
	6000			415	450	515		
	9000	400	450	500	545			
	12000	455	515	580				
	18000	560						
Width Range	400-1500 mm / 15-59 Inch							
Customised specs also available on request								



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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.



Properties	Unit	Test Method	Product Code					
			PH0120	PH0150	PH0190	PH0230	PH0360	
GENERAL								
Nominal Thickness	Micron	SRF Method	12	15	19	23	36	
	Gauge		48	60	76	92	144	
Yield	m ² /kg		60	48	38	31	20	
	in ² /lb		42200	33700	26600	22000	14000	
MECHANICAL								
Tensile Strength (min)	MD	kg/cm ²	1800	1800	1750	1750	1700	
		kpsi	26	26	25	25	24	
	TD	kg/cm ²	1800	1800	1750	1750	1700	
		kpsi	26	26	25	25	24	
Elongation at Break (min)	MD	ASTM D 882	120	120	120	120	120	
	TD		%	110	110	110	110	
SURFACE								
Coefficient of Friction	Static		-	ASTM D 1894	0.40	0.40	0.40	0.40
	Dynamic	-	0.35		0.35	0.35	0.35	0.35
Surface Energy	Plain Side	Dyne/cm	ASTM D 2578	44	44	44	44	44
	Corona Side			52+	52+	52+	52+	52+
	Copolymer Side			58	58	58	58	58
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	40	42	45	50	55	
Gloss at 60°			45	45	40	40	40	
BARRIER								
WVTR (38°C & 90% RH)	gm/m ² /day	ASTM F 1249	<40	<35	<30	<25	<25	
	gm/100in ² /day		<2.5	<2.2	<1.9	<1.6	<1.6	
OTR (23°C & 0% RH)	cc/m ² /day	ASTM D 3985	<130	<110	<90	<70	<70	
	cc/100in ² /day		<8.1	<6.9	<5.6	<4.4	<4.4	

MD – Machine Direction | TD – Transverse Direction

Notes: 1) Matte Finish side is available wound inside/outside of the roll - customer to specify accordingly; 2) Above properties can be modified to suit customer's requirement; 3) 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.