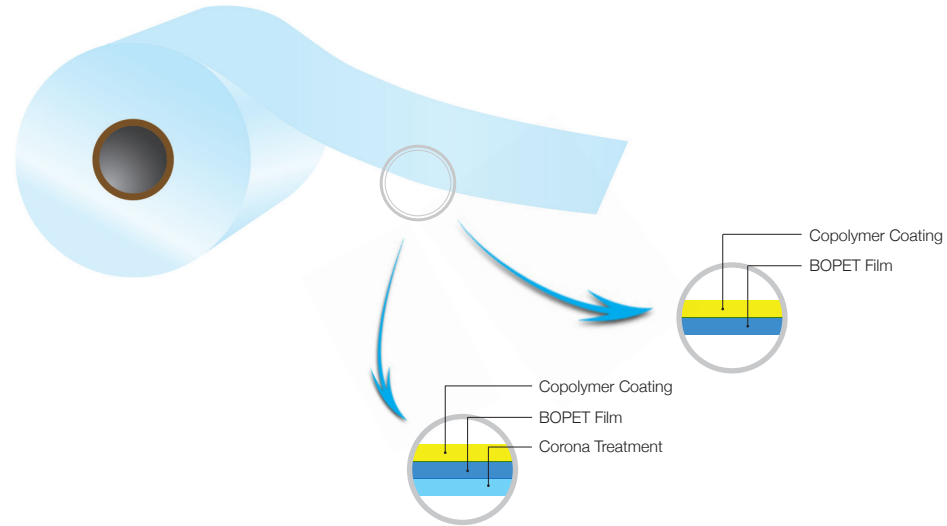


PETLAR-PC grade is a Biaxially Oriented Transparent Polyester Film with one side copolymer coating. The coated surface gives excellent adhesion to a wide range of inks & laminating adhesives thus improving the bond strength of flexible laminate. It also acts as an excellent base film for metallization. The other side of film surface can also be corona treated. The film possesses good mechanical, surface & thermal properties and ensures excellent processability.

PETLAR-PC 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 75 Microns (32-300 Gauge).



APPLICATIONS

- Flexible Packaging
Printing, Coating, Lamination
- Metallizing
- Hot Filled Applications like Tomato Ketchup, Juices, etc
- Frozen Food Packaging

Standard Roll Presentation - 6 Inch / 152 mm Core Diameter								
Thickness (Micron)	8	10	12	23	36	50	75	
Length (Meters)	3000					495	590	Approx Outer Roll Diameter (mm)
	6000			475	570	675	810	
	9000			560	700			
	12000			650	795			
	18000	485	535	580				
	24000	550	610	660				
	36000	660	735	795				
42000		800	850					
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)	10	12	23	36	50		
Length (Meters)	3000				400	460	Approx Outer Roll Diameter (mm)
	6000			450			
	9000	370	400	545			
	12000	425	455				
	18000	515	560				
Width Range	400-1500 mm / 15-59 Inch						
<i>Customised specs also available on request</i>							

SRF Limited, Packaging Films Business

Block-C, Sector-45, Gurgaon-122003, Haryana, India Tel: (+91-124) 435 4400, Fax: (+91-124) 435 4500, pfbfilms@srf.com, www.srf.com



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.



Copolymer Coated Polyester Film

PETLAR-PC

Properties	Unit	Test Method	Product Code												
			PC0080	PC0090	PC0100	PC0110	PC0120	PC0150	PC0190	PC0230	PC0300	PC0360	PC0500	PC0750	
GENERAL															
Nominal Thickness	Micron	SRF Method	08	09	10	11	12	15	19	23	30	36	50	75	
	Gauge		32	36	40	44	48	60	76	92	120	144	200	300	
Yield	m ² /kg	SRF Method	90	80	72	65	60	48	38	31	24	20	14	9	
	in ² /lb		63300	56300	50600	46000	42200	33700	26600	22000	16800	14000	10100	6700	
MECHANICAL															
Tensile Strength (min)	MD	kg/cm ²	ASTM D 882	2000	2000	2000	2000	2000	2000	2000	1900	1900	1900	1900	1800
		kpsi		29	29	29	29	29	29	29	29	27	27	27	27
	TD	kg/cm ²	ASTM D 882	2100	2100	2100	2100	2100	2100	2100	2000	2000	1900	1900	1700
		kpsi		30	30	30	30	30	30	30	30	29	29	27	27
Elongation at Break (min)	MD	%	ASTM D 882	110	110	110	110	110	110	110	120	120	125	125	130
	TD			100	100	100	100	100	100	100	100	110	110	115	115
SURFACE															
Coefficient of Friction	Static	-	ASTM D 1894	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.45	0.45	0.45	0.45	0.40
	Dynamic	-		0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.40	0.40	0.40	0.40
Surface Energy	Plain Side	Dyne/cm	ASTM D 2578	44	44	44	44	44	44	44	44	44	44	44	44
	Corona Side			52+	52+	52+	52+	52+	52+	52+	52+	52+	52+	52+	52+
	Copolymer Side			58+	58+	58+	58+	58+	58+	58+	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	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	TD			0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
OPTICAL															
Haze	%	ASTM D 1003	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	5.0	6.0	7.0
Transmittance			90	90	90	90	90	90	90	90	90	90	90	85	85
BARRIER															
WVTR (38°C & 90% RH)	gm/m ² /day	ASTM F 1249	<60	<50	<40	<40	<40	<35	<30	<25	<25	<20	<15	<10	
	gm/100in ² /day		<3.8	<3.2	<2.5	<2.5	<2.5	<2.2	<1.9	<1.6	<1.6	<1.3	<0.9	<0.6	
OTR (23°C & 0% RH)	cc/m ² /day	ASTM D 3985	<140	<135	<130	<130	<130	<110	<90	<70	<70	<50	<40	<30	
	cc/100in ² /day		<8.8	<8.4	<8.1	<8.1	<8.1	<6.9	<5.6	<4.4	<4.4	<3.1	<2.5	<1.9	

MD – Machine Direction | TD – Transverse Direction

Notes: 1) Copolymer coated 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.