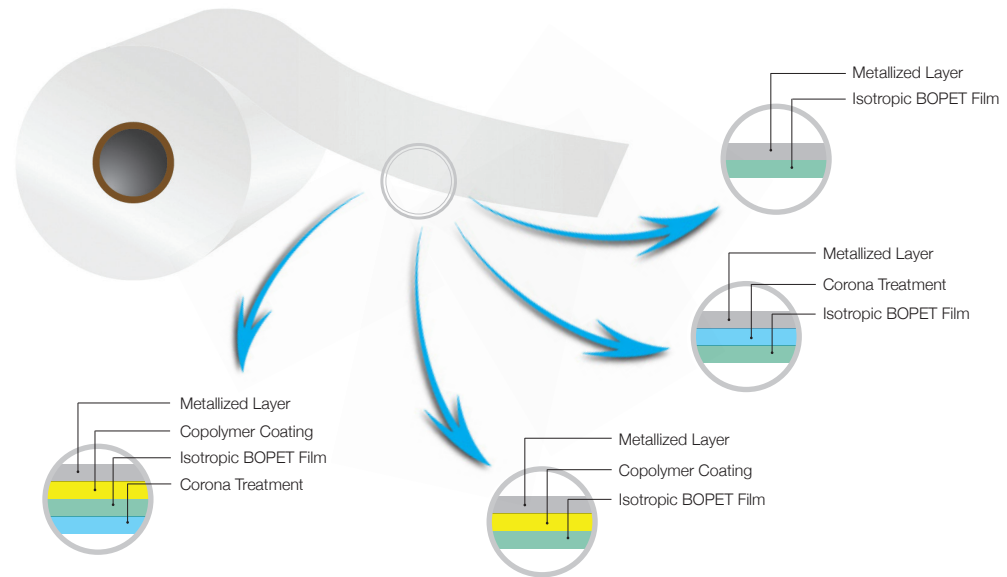


PETLAR-PIM grade is a Biaxially Oriented Vacuum Metallised Polyester Film which provides excellent isotropic characteristics, i.e., uniform strength in all directions. The film delivers excellent thermal & dimensional stability. The film surface can be corona treated/chemical coated for better adhesion to printing inks & laminating adhesives.

PETLAR-PIM 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 Micron (48-144 Gauge).



## APPLICATIONS

- Lidding for cups, tubs & trays  
e.g. yogurt, ice cream, beverages

Standard Roll Presentation - 6 Inch / 152 mm Core Diameter					
Thickness (Micron)		12	23	36	Approx Outer Roll Diameter (mm)
Length (Meters)	6000		475	570	
	9000		560	700	
	12000		650	795	
	18000	580			
	24000	660			
	36000	795			
	42000	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)		12	23	36	Approx Outer Roll Diameter (mm)
Length (Meters)	3000			400	
	6000		450		
	9000	400	545		
	12000	455			
	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.**



Properties	Unit	Test Method	Product Code			
			PIM0120	PIM0230	PIM0360	
<b>GENERAL</b>						
Nominal Thickness	Micron	SRF Method	12	23	36	
	Gauge		48	92	144	
Yield	m <sup>2</sup> /kg		60	31	20	
	in <sup>2</sup> /lb		42200	22000	14000	
<b>MECHANICAL</b>						
Tensile Strength (min)	MD	kg/cm <sup>2</sup> (kpsi)	ASTM D 882	2200 (31)	2100 (30)	2000 (29)
	TD			2400 (34)	2300 (32)	2200 (31)
	+45°			2200 (31)	2100 (30)	2000 (29)
	-45°			2300 (32)	2200 (31)	2100 (30)
	+45°/-45°	Ratio	0.66-1.50	0.66-1.50	0.66-1.50	
Elongation at Break (min)	MD	%	ASTM D 882	100	100	100
	TD			90	90	90
	+45°			100	100	100
	-45°			90	90	90
	+45°/-45°	Ratio	0.50-2.00	0.50-2.00	0.50-2.00	
<b>THERMAL</b>						
Shrinkage (150°C, 30 min)	MD	%	ASTM D 1204	2.2	2.2	2.2
	TD			0.4	0.4	0.4
<b>OPTICAL &amp; BARRIER</b>						
Optical Density*	-	SRF Method	2.2	2.2	2.2	
WVTR (38°C & 90% RH)	gm/m <sup>2</sup> /day	ASTM F 1249	<1.0	<1.0	<1.0	
	gm/100in <sup>2</sup> /day		<0.06	<0.06	<0.06	
OTR (23°C & 0% RH)	cc/m <sup>2</sup> /day	ASTM D 3985	<1.0	<1.0	<1.0	
	cc/100in <sup>2</sup> /day		<0.06	<0.06	<0.06	

\* As measured on Tobias Densitometer MD – Machine Direction | TD – Transverse Direction

Notes: 1) Metallized side is available wound inside/outside of the roll - customer to specify accordingly; 2) Metallization with Plasma Treatment for uniform and enhanced metal adhesion is available; 3) Higher Optical Density available on request; 4) Above properties can be modified to suit customer's requirement; 5) Unless otherwise specified, the values given above are nominal.

## DISCLAIMER

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