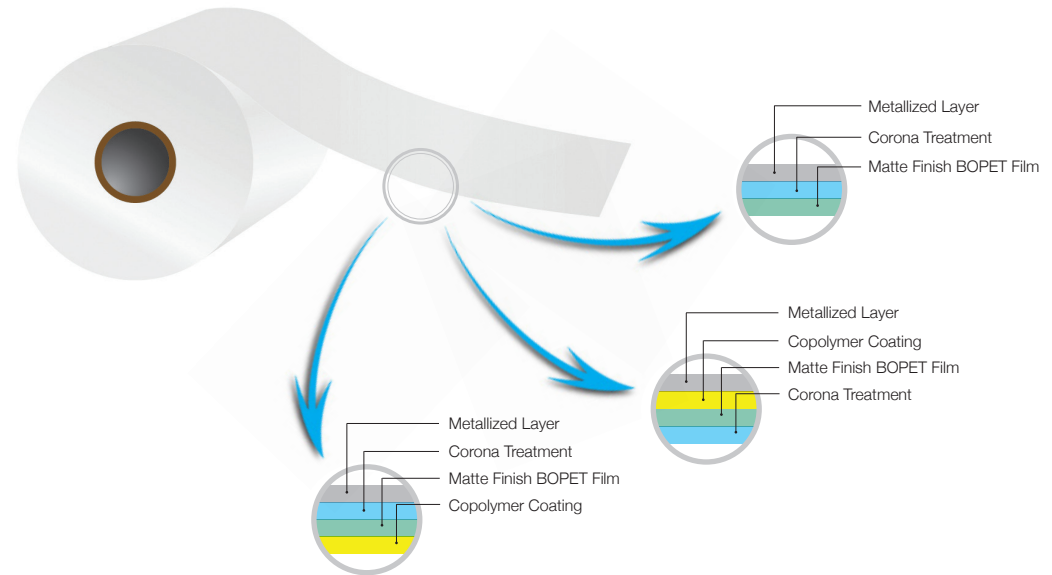


PETLAR-PHM grade is a Biaxially Oriented Matte Finish Vacuum Metallized Polyester Film providing a dull silver look. The base film used can be corona/chemical coated to enhance adhesion of metal to the film. This film is available in various variants as illustrated. The film possesses good mechanical, surface & thermal properties and ensures excellent processability.

PETLAR-PHM 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*
- 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
	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					Approx Outer Roll Diameter (mm)
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
	6000			415	450	515	
	9000	400	450	500	545		
	12000	455	515	580			
	18000	560					
Width Range		400-1500 mm / 15-59 Inch					Approx Outer Roll Diameter (mm)
Customised specs also available on request							

## 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.



Properties	Unit	Test Method	Product Code				
			PHM0120	PHM0150	PHM0190	PHM0230	PHM0360
<b>GENERAL</b>							
Nominal Thickness	Micron	SRF Method	12	15	19	23	36
	Gauge		48	60	76	92	144
Yield	m <sup>2</sup> /kg		60	48	38	31	20
	in <sup>2</sup> /lb		42200	33700	26600	22000	14000
<b>MECHANICAL</b>							
Tensile Strength (min)	MD	kg/cm <sup>2</sup>	1800	1800	1750	1750	1700
		kpsi	26	26	25	25	24
	TD	kg/cm <sup>2</sup>	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	110
<b>THERMAL</b>							
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
<b>OPTICAL &amp; BARRIER</b>							
Optical Density*		-	2.2	2.2	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	<1.0	<1.0
	gm/100in <sup>2</sup> /day		<0.06	<0.06	<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	<1.0	<1.0
	cc/100in <sup>2</sup> /day		<0.06	<0.06	<0.06	<0.06	<0.06

\* As measured on Tobias Densitometer | 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.