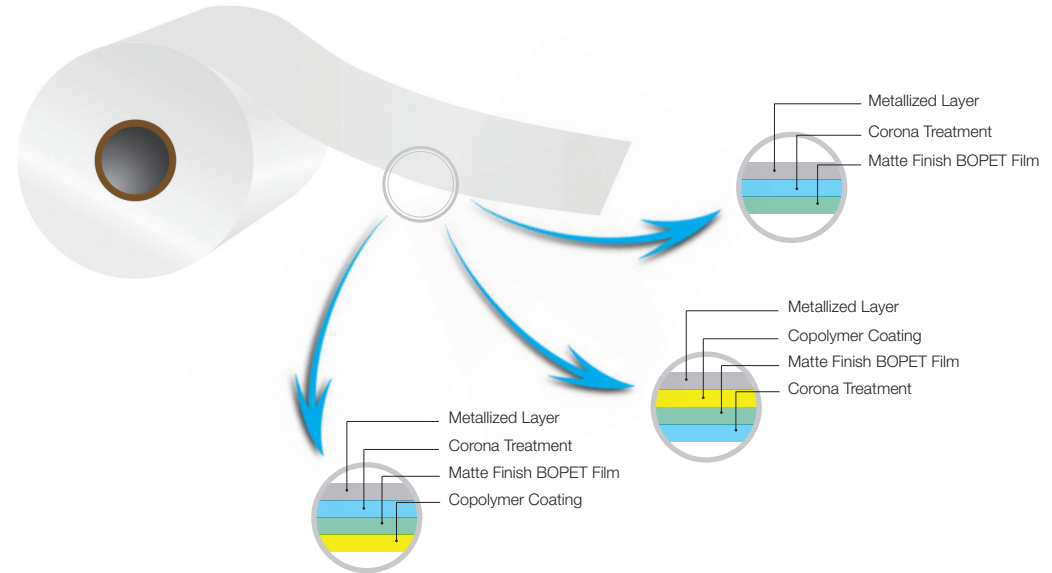


PETLAR-PHM grade is a Biaxially Oriented Matte Finish Vacuum Metallized Polyester Film providing a dull silver look. The base film used can be corona/chemical coated to enhance adhesion of metal to the film. This film is available in various variants as illustrated. The film possesses good mechanical,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

PETLAR-PHM grade conforms to latest EC directives, REACH specifications and US FDA regulations for food contact applications. This grade is available in a 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	Approx Outer Roll Diameter (mm)	
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							

Customised specs also available on request

Standard Roll Presentation - 3 Inch / 76 mm Core Diameter								
Thickness (Micron)	12	15	19	23	30	36	Approx Outer Roll Diameter (mm)	
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							

Customised specs also available on request

SRF Limited, Packaging Films Business

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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.



Typical values

Properties	Unit	Test Method	Product Code				
			PHM0120	PHM0150	PHM0190	PHM0230	PHM0360
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	ASTM D 882	1800	1800	1750	1750	1700
			kpsi	26	26	25	25
	TD		1800	1800	1750	1750	1700
			kpsi	26	26	25	25
Elongation at Break (min)	MD	ASTM D 882	120	120	120	120	120
	TD		110	110	110	110	110
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 & BARRIER							
Optical Density*		-	2.2	2.2	2.2	2.2	2.2
WVTR (38°C & 90% RH)	gm/m ² /day	ASTM F 1249	1.0	1.0	1.0	1.0	1.0
	gm/100in ² /day		0.06	0.06	0.06	0.06	0.06
OTR (23°C & 0% RH)	cc/m ² /day	ASTM D 3985	1.0	1.0	1.0	1.0	1.0
	cc/100in ² /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 contained herein is to be used only as a guideline for using PETLAR film. The specifications and characteristics mentioned are based on reliable test procedures. Users of this film should make independent assessment by their own for its suitability to their end use. SRF Ltd does not offer any guarantee on the results and does not accept any liability arising out of the use of the information contained herein.