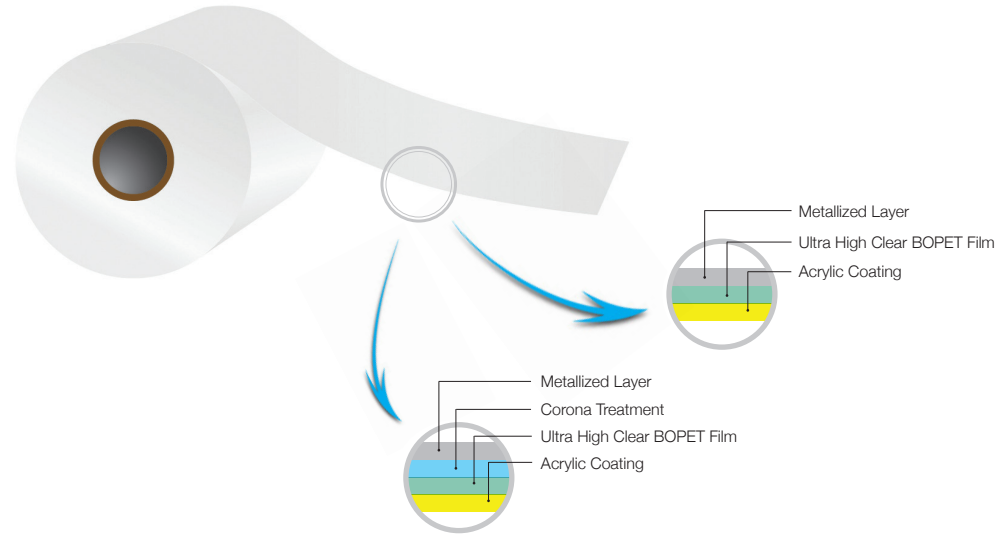


PETLAR-PUHM grade is a Biaxially Oriented Optically Ultra High Clear Vacuum Metallized Polyester Film with acrylic coating. It is characterized by very high transparency and good slip property. The film possesses good mechanical, surface & thermal properties and ensures excellent processability.

PETLAR-PUHM 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
- Lamination
- Glitters
- Labels
- Photosensitive Coatings

Standard Roll Presentation - 6 Inch / 152 mm Core Diameter						
Thickness (Micron)	12	19	23	30	36	Approx Outer Roll Diameter (mm)
6000		440	475	540	570	
9000		525	560	650	700	
12000		600	650	740	795	
18000	580	715				
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	19	23	30	36	Approx Outer Roll Diameter (mm)
3000					400	
6000		415	450	515		
9000	400	500	545			
12000	455	580				
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					
			PUHM0120	PUHM0190	PUHM0230	PUHM0300	PUHM0360	
GENERAL								
Nominal Thickness	Micron	SRF Method	12	19	23	30	36	
	Gauge		48	76	92	120	144	
Yield	m ² /kg		60	38	31	24	20	
	in ² /lb		42200	26600	22000	16800	14000	
MECHANICAL								
Tensile Strength (min)	MD	kg/cm ²	2000	2000	1900	1900	1900	
		kpsi	29	29	27	27	27	
	TD	kg/cm ²	2100	2100	2000	2000	1900	
		kpsi	30	30	29	29	27	
Elongation at Break (min)	MD	%	ASTM D 882	110	110	120	120	125
	TD			100	100	110	110	115
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) 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) Above properties can be modified to suit customer's requirement; 4) 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.