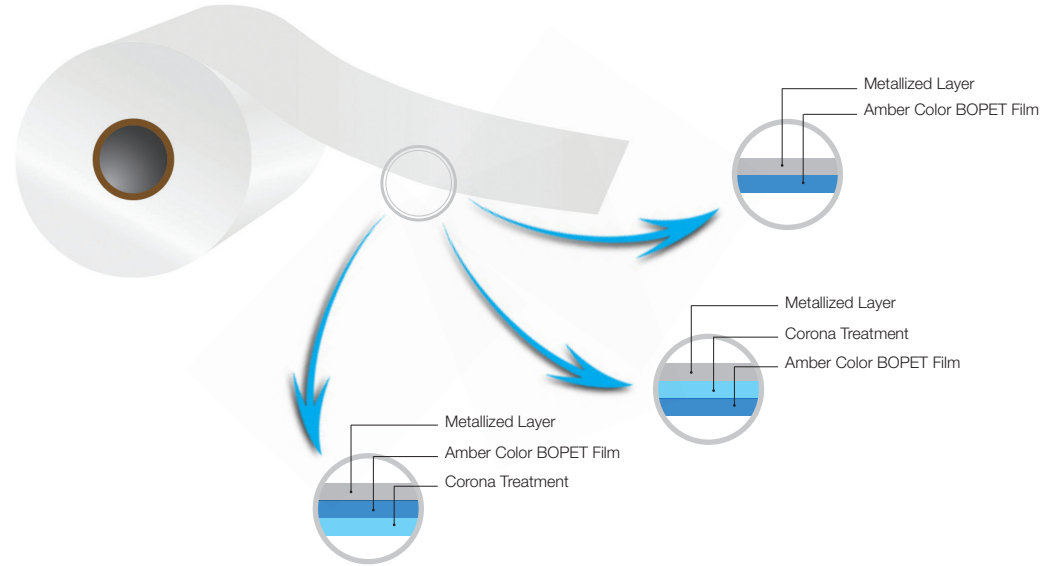


PETLAR-YGM grade is a Biaxially Oriented Gold Colour Polyester Film. This film is preferred over lacquer coated polyester film as it provides higher bond strength due to better thermal stability. This film is produced using coloured PET resin, thereby eliminating any possibility of contamination in case of food packaging.

PETLAR-YGM 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
- Metallization
- Decorative Packaging

Standard Roll Presentation - 6 Inch / 152 mm Core Diameter					
Thickness (Micron)	12	15	19	23	
Length (Meters)	6000		440	475	Approx Outer Roll Diameter (mm)
	9000		480	525	
	12000		540	600	
	18000	580	650	715	
	24000	660	740		
	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	15	19	23		
Length (Meters)	6000			415	450	Approx Outer Roll Diameter (mm)
	9000	400	450	500	545	
	12000	455	515	580		
	18000	560				
Width Range	400-1500 mm / 15-59 Inch					
<i>Customised specs also available on request</i>						

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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			
			YGM0120	YGM0150	YGM0190	YGM0230
GENERAL						
Nominal Thickness	Micron	SRF Method	12	15	19	23
	Gauge		48	60	76	92
Yield	m ² /kg		60	48	38	31
	in ² /lb		42200	33700	26600	22000
MECHANICAL						
Tensile Strength (min)	MD	kg/cm ²	1900	1900	1900	1900
		kpsi	27	27	27	27
	TD	kg/cm ²	1900	1900	1900	1900
		kpsi	27	27	27	27
Elongation at Break (min)	MD	ASTM D 882	100	100	100	110
	TD		90	90	90	100
THERMAL						
Shrinkage (150°C, 30 min)	MD	ASTM D 1204	2.2	2.2	2.2	2.0
	TD		0.4	0.4	0.4	0.4
OPTICAL & BARRIER						
Optical Density*		-	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
	gm/100in ² /day		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
	cc/100in ² /day		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 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.