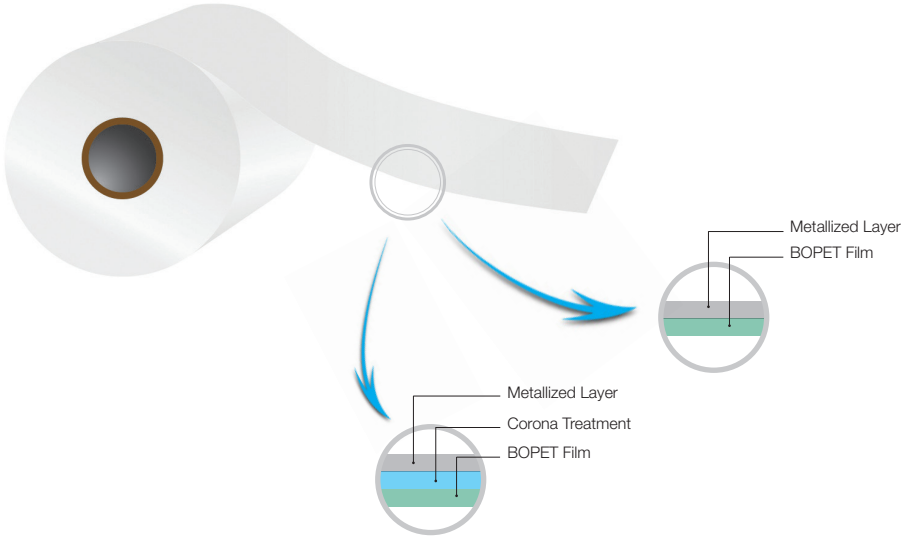
Very Low Optical Density Metallized Polyester Film

PETLAR-POM

PETLAR-POM is Biaxially Oriented Vacuum Metallized Polyester Film with very low Optical Density. The modified metallization process ensures uniform metal deposition on the film surface.This film has excellent static charge resistance & dielectric properties making it suitable for electronic goods packaging. The film possesses good mechanical, surface & thermal properties and ensures excellent processability.

PETLAR-POM grade conforms latest EC directives, REACH specifications and US FDA regulations for food contact applications. This grade is available in thickness range of 8 to 50 Microns (32-200 Gauge).



APPLICATIONS

- Electronic goods Packaging
  Printing circuit boards, Integrated circuits, Electronic Components
- Flexible Packaging/ Lamination
  Popcorn Packaging

Standard Roll Presentation				
Core ID		6 Inch/152MM	3 Inch/76MM	
Thickness (Micron)		12		
Length (Meters)	9000		400	Approx Outer Roll Diameter (mm)
	12000		455	
	18000	580	560	
	24000	660		
	36000	795		
	42000	850		
Width Range		400-2500 mm / 15-99 Inch		
Customised specs also available on request				

SRF Packaging Films Business

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, Uttranchal, **India**.

Rayong: D-20, Hemraj Eastern Seaboard Industrial Estate, 112, M003, Tambon Tasith, Amphur Pluakdaeng, Rayong Province 21140, **Thailand**.

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Typical values

Properties		Unit	Test Method	Product Code POM0120
GENERAL				
Nominal Thickness		Micron Gauge	SRF Method	12 48
Yield		m^2/kg in^2/lb		60 42200
MECHANICAL				
Tensile Strength (min)	MD	kg/cm^2 kpsi	ASTM D 882	2000 29
	TD	kg/cm^2 kpsi		2100 30
Elongation at Break (min)	MD TD	%	ASTM D 882	100 90
THERMAL				
Shrinkage (150°C, 30 min)	MD TD	%	ASTM D 1204	2.2 0.4
OPTICAL & BARRIER				
Optical Density*			-	0.25-0.5
WVTR (38°C & 90% RH)		$gm/m^2/day$ $gm/100in^2/day$	ASTM F 1249	10 0.65
OTR (23°C & 0% RH)		$cc/m^2/day$ $cc/100in^2/day$	ASTM D 3985	10 0.65

* 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.

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