

LPH

Pearlized Heat Sealable Label Film



DESCRIPTION :

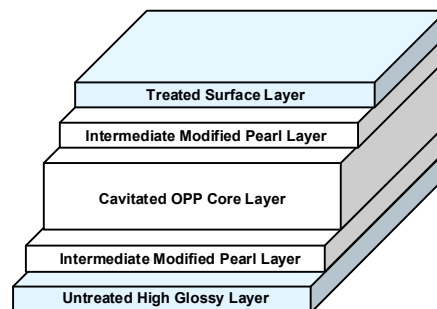
Gulf Pack LPH is a white heat sealable bi-axially oriented, co-extruded polypropylene film, with high glossy surface specially designed for wrap around labeling applications. One side treated to suit printing and coating.

PRODUCT FEATURES :

High yield due to lower density.
 Excellent opacity & Whiteness.
 Excellent antistatic properties.
 Excellent hot melt anchorage.
 Excellent printability.
 High tear and split resistance.

APPLICATIONS :

Printing and wrap around bottle labeling.



PROPERTIES		UNIT	TYPICAL VALUES			TEST METHOD.
PHYSICAL	Thickness	Microns	33	38	40	ASTM D 374
		Gauge	132	152	160	
	Grammage	g/m ²	20.50	23.60	24.80	*GPIM
		lbs/ream	12.6	14.5	15.2	
	Yield	m ² /kg	48.80	42.40	40.32	
		in ² /lb	34,400	29,900	28,400	
Coefficient of Friction (Film/Film)			0.35	0.35	0.35	ASTM D 1894
Surface Tension (Treated Side)		dynes/cm	38	38	38	ASTM D 2578
OPTICAL	Opacity	%	72	75	77	ASTM D589-97
	Gloss (45°)			90		ASTM D 2457
MECHANICAL	Tensile Strength at Break	*MD	kg/mm ²	8		ASTM D 882
		*TD		16		
		MD	psi	11,376		
		TD		22,752		
	Elongation at Break	MD	%	135		ASTM D 882
		TD		40		
	Modulus of Elasticity	MD	kg/mm ²	130		ASTM D 882
		TD		210		
MD		psi	184,860			
TD			298,620			
THERMAL	Thermal Shrinkage	MD	%	< 4.0		GPIM (120°C (248°F), 5 min, air)
		TD		< 2.0		
	Heat Seal Range	°C (°F)	105 – 140 (221 – 284)			GPIM
	Heat Seal Strength (Film/Film)	g/15mm	300			GPIM (130°C, 1bar, 1sec)
lb/0.59in		0.66			GPIM (266°F, 14.5psi, 1 sec)	

* GPIM – Gulf Pack Internal Method *MD – Machine Direction *TD – Transversal Direction

Gulf Pack LPH films comply with the EU Regulation 10/2011/CE and USA FDA Code of federal regulations CFR21 section 177.1520 (c) 1.1 and is suitable for use in packaging, transporting or holding foods.

The information contained in this technical leaflet is to the best of our knowledge & experience. Since the conditions under which our products maybe used are beyond our control, recommendations are made without warranty or guarantee.

Bi-axially oriented polypropylene film aged with time and will exhibit deterioration of properties if it is not stored in a dry environment at a temperature 30°C or below. We highly recommend our customer to use recommended storage condition and consume product before 6 months from date of production in our plant.

Detail advice regarding other specific application of **Gulf Pack LPH** and other films in the Gulf Pack range is available upon request.

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