

# LW315

## White Voided Label Film



WHITE VOIDED BOPP FILM

**DESCRIPTION :**

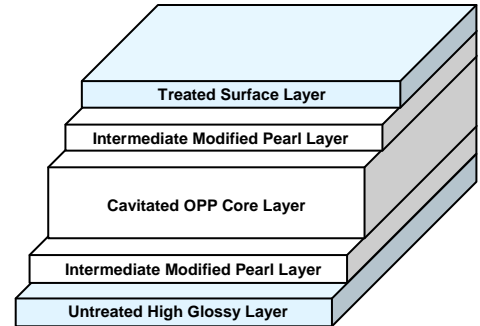
**Gulf Pack LW315** is a white voided BOPP film, with one side high gloss specially designed for wrap around labeling applications. One side treated to suit printing and coating.

**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 :**

Wrap around Label  
 Rotogravure and flexographic printing



PROPERTIES		UNIT	TYPICAL VALUES		TEST METHOD.
PHYSICAL	Thickness	Microns	25	38	
		Gauge	100	152	
	Grammage	g/m <sup>2</sup>	15.50	23.60	
		lbs/ream	9.50	14.5	
	Yield	m <sup>2</sup> /kg	64.50	42.40	
		in <sup>2</sup> /lb	45,443	29,900	
	Density	g/cc	0.62		
Coefficient of Friction (Film/Film)		0.30		ASTM D 1894	
Surface Tension (Treated Side)	dynes/cm	38		ASTM D 2578	
OPTICAL	Opacity	%	75	85	ASTM D589-97
	Gloss (45°)		90	90	ASTM D 2457
MECHANICAL	Tensile Strength at Break	*MD	8		ASTM D 882
		*TD	16		
		MD	11,376		
		TD	22,752		
	Elongation at Break	MD	135		ASTM D 882
		TD	40		
	Modulus of Elasticity	MD	120		ASTM D 882
		TD	205		
		MD	170,640		
		TD	291,510		
THERMAL	Thermal Shrinkage	MD	< 4.0		GPIM (120°C (248°F), 5 min, air)
		TD	< 2.0		

\* GPIM – Gulf Pack Internal Method

\*MD – Machine Direction

\*TD – Transverse Direction

**Gulf Pack LW315** films comply with EU Regulation 10/2011/EC and USA FDA Code of Federal Regulations CFR21 section 177.1520 (c) 1.1 and are suitable for use in packaging, carrying and transporting foodstuffs.

The information contained in this technical leaflet illustrates typical values only and are to the best of our knowledge. Since the conditions under which our films may be used are beyond our control, such values are declared without warranty or guarantee.

Bi-axially oriented polypropylene films age with time and will exhibit deterioration of some properties if not stored in a suitable environment at a temperature 30°C or below. We strongly advise our customers to use recommended storage conditions and consume products before 6 months from date of production in our plant.

Detailed advice regarding other specific applications of **Gulf Pack LW315** and other films in the Gulf Pack range is available upon request.