

# LW300

## White Voided Wrap Around Label Film



WHITE VOIDED BOPP FILM

**DESCRIPTION:**

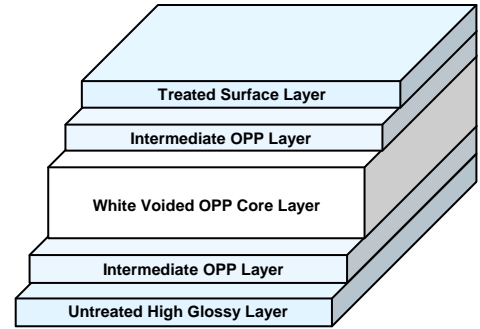
**Gulf Pack LW300** is a white voided BOPP film, with one side high gloss specially designed for wrap around labeling applications. One side treated to suit printing and coating.

**PRODUCT FEATURES:**

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

**APPLICATIONS:**

Printing and wrap around bottle Labeling  
 Rotogravure and flexographic (non-UV) printing



PROPERTIES		UNIT	TYPICAL VALUES				TEST METHOD.	
PHYSICAL	Thickness	Microns	25	33	38	47	ASTM D 374	
		Gauge	100	132	152	188		
	Grammage	g/m <sup>2</sup>	15.5	20.50	23.60	29.14	*GPIM	
		lbs/ream	9.5	12.6	14.5	17.9		
	Yield	m <sup>2</sup> /kg	64.52	48.80	42.40	34.30		
		in <sup>2</sup> /lb	45,480	34,400	29,900	24,166		
	Density	g/cc	0.62					
Coefficient of Friction (Film/Film)		0.35	0.35	0.35	0.35	ASTM D 1894		
Surface Tension (Treated Side)	dynes/cm	38	38	38	38	ASTM D 2578		
OPTICAL	Opacity	%	69	72	75	77	ASTM D589-97	
	Gloss (45°)		90				ASTM D 2457	
MECHANICAL	Tensile Strength at Break	*MD	kg/mm <sup>2</sup>	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 <sup>2</sup>	120				ASTM D 882
		TD		205				
MD		psi	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 LW300** 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.

**Gulf Pack LW300** standard surface treatment location is on the outer side (O); other treatment preference can be arranged upon agreement with the sales representative before order processing.

Detailed advice regarding other specific applications of **Gulf Pack LW300** and other films in the Gulf Pack range is available upon request.