

# LW510

## Metallized White Voided Wrap Around Label Film



WHITE VOIDED METALLIZED FILM

**DESCRIPTION :**

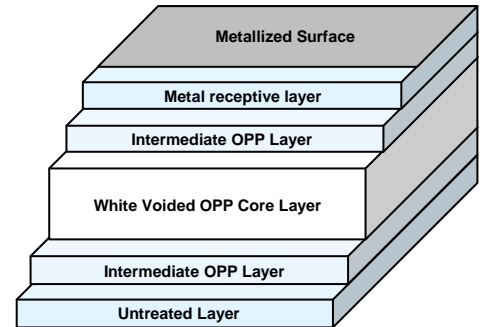
**Gulf Pack LW510** is a metallized white voided film, design for wrap around application, both sides high gloss

**PRODUCT FEATURES :**

High yield due to lower density  
 High gloss surface.  
 White appearance on non-metallized side.  
 Excellent hot melt anchorage.

**APPLICATIONS:**

Printing and wrap around bottle labeling.  
 Rotogravure and flexographic (non-UV) printing  
 Single web structure.



PROPERTIES		UNIT	TYPICAL VALUES			TEST METHOD.
PHYSICAL	Thickness	Microns	33	38	47	ASTM D 374
		Gauge	132	152	188	
	Grammage	g/m <sup>2</sup>	20.46	23.60	29.14	*GPIM
		lbs/ream	12.5	14.5	17.9	
	Yield	m <sup>2</sup> /kg	48.80	42.40	34.31	
		in <sup>2</sup> /lb	34,400	29,900	24,172	
Density	g/cc	0.62				
Coefficient of Friction (Film/Film)		0.35			ASTM D 1894	
OPTICAL	Optical density	%	2.3			GPIM
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	%	130		ASTM D 882
		TD		40		
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 LW510** 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 3 months from date of production in our plant.

**Gulf Pack LW510** 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 LW510** and other films in the Gulf Pack range is available upon request.