

# LP101

## Transparent Pressure Sensitive Label Film (Facestock – UV Protection)



**DESCRIPTION:**

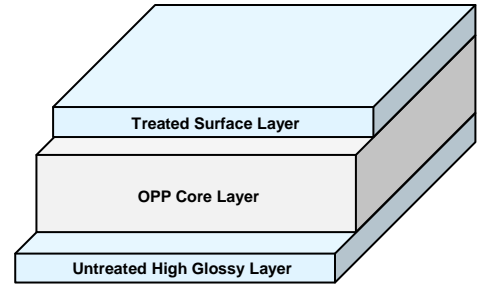
Gulf Pack LP101 is a one side treated bi-axially oriented transparent polypropylene film.

**PRODUCT FEATURES:**

- High transparency and gloss
- High mechanical properties
- Treated side for printing and coating
- Excellent adhesion
- Broad Spectrum photoprotection (UV resistant)

**APPLICATIONS:**

'No Label Look' Facestock film for lamination into PSL structures



PROPERTIES		UNIT	TYPICAL VALUES			TEST METHOD.
PHYSICAL	Thickness	Microns	40	50	60	ASTM D 374
		Gauge	160	200	240	
	Grammage	g/m <sup>2</sup>	36.40	45.5	54.6	*GPIM
		lbs/ream	22.4	28.00	33.61	
	Yield	m <sup>2</sup> /kg	27.48	22	18.31	
		in <sup>2</sup> /lb	19,400	15,468	12,873	
Coefficient of Friction (Film/Film)			0.35			ASTM D 1894
Surface Tension (Treated Side)		dynes/cm	38			ASTM D 2578
OPTICAL	Haze	%	2.5			ASTM D 1003
	Gloss (45°)		85			ASTM D 2457
MECHANICAL	Tensile Strength at Break	*MD	kg/mm <sup>2</sup>	16		ASTM D 882
		*TD		28		
		MD	psi	22,752		
		TD		39,816		
	Elongation at Break	MD	%	155		ASTM D 882
		TD		50		
	Modulus of Elasticity	MD	kg/mm <sup>2</sup>	210		ASTM D 882
		TD		360		
MD		psi	298,620			
TD			511,920			
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 LP101 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 LP101 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 LP101 and other films in the Gulf Pack range is available upon request.