

HF111

Heat Sealable High Slip Film



TRANSPARENT BOPP FILM

DESCRIPTION:

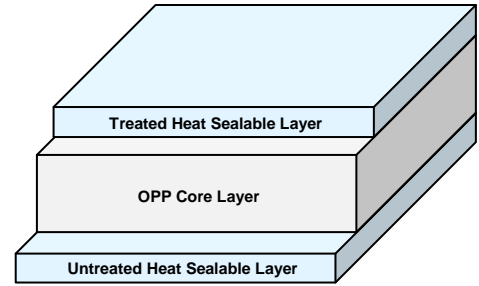
Gulf Pack HF105 is BOPP Transparent, both side heat sealable film for straw packing application

PRODUCT FEATURES:

- Both side heat sealable
- Good transparency
- Excellent mechanical properties
- Good slip & antistatic properties

APPLICATIONS:

Straw packing application



PROPERTIES		UNIT	TYPICAL VALUES			TEST METHOD.
PHYSICAL	Thickness	Microns	15	18	20	ASTM D 374
		Gauge	60	72	80	
	Grammage	g/m ²	13.65	16.38	18.20	*GPIM
		lbs/ream	8.39	10.1	11.2	
	Yield	m ² /kg	73.26	61.05	54.95	
in ² /lb		51,615	43,000	38,700		
Coefficient of Friction (Film/Film)			0.25			ASTM D 1894
OPTICAL	Haze	%	2.5			ASTM D 1003
	Gloss (45°)		85			ASTM D 2457
MECHANICAL	Tensile Strength at Break	*MD	14			ASTM D 882
		*TD	26			
		MD	19,912			
		TD	36,980			
	Elongation at Break	MD	170			ASTM D 882
TD		50				
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	275			GPIM (130°C, 1bar, 1sec)
lb/0.59in		0.60			GPIM (266°F, 14.5psi, 1 sec)	

* GPIM – Gulf Pack Internal Method

*MD – Machine Direction

*TD – Transverse Direction

Gulf Pack HF111 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 HF111** and other films in the Gulf Pack range is available upon request.