

NHS(A)

Non-Heat Sealable Tape Base Film



DESCRIPTION :

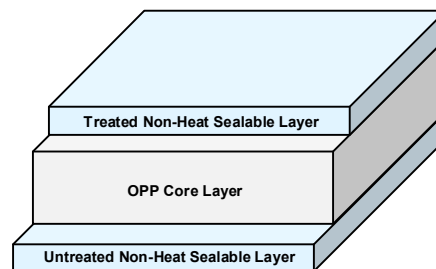
Gulf Pack NHS(A) is a coextruded, bi-axially oriented non heat sealable transparent polypropylene film, one side treated, develop specifically for the production of adhesive tapes.

PRODUCT FEATURES :

High tensile strength.
 Lower longitudinal elongation.
 Good puncture resistance.
 One side treated for water and acrylic based adhesive coatings and hot melt applications.

APPLICATIONS :

Primarily as base web for pressure sensitive adhesive tapes production.
 Gift wraps and flower wrapping.



PROPERTIES		UNIT	TYPICAL VALUES					TEST METHOD.	
PHYSICAL	Thickness	Microns	23	25	28	30	40	ASTM D 374	
		Gauge	92	100	112	120	160		
	Grammage	g/m ²	20.93	22.75	25.48	27.30	36.40	*GPIM	
		lbs/ream	12.9	14.0	15.7	16.8	22.4		
	Yield	m ² /kg	47.78	43.96	39.25	36.63	27.50		
		in ² /lb	33,600	31,000	27,600	25,800	19,400		
	Coefficient of Friction (Film/Film)		0.45					ASTM D 1894	
	Surface Tension (Treated Side)	dynes/cm	38					ASTM D 2578	
OPTICAL	Haze	%	1.5					ASTM D 1003	
	Gloss (45°)		95					ASTM D 2457	
MECHANICAL	Tensile Strength at Break	*MD	kg/mm ²	16					ASTM D 882
		*TD		28					
		MD	psi	22,752					
		TD		39,816					
	Elongation at Break	MD	%	150					ASTM D 882
		TD		50					
	Modulus of Elasticity	MD	kg/mm ²	220					ASTM D 882
		TD		370					
		MD	psi	312,840					
		TD		526,140					
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 – Transversal Direction

Gulf Pack NHS(A) films comply with the EU Regulation 10/2011/CE and USA FDA Code of federal regulations CFR21 section 177.1520 (c) 1.1 and is suitable for use in packaging, transporting or holding foods.

The information contained in this technical leaflet is to the best of our knowledge & experience. Since the conditions under which our products maybe used are beyond our control, recommendations are made without warranty or guarantee.

Bi-axially oriented polypropylene film aged with time and will exhibit deterioration of properties if it is not stored in a dry environment at a temperature 30°C or below. We highly recommend our customer to use recommended storage condition and consume product before 6 months from date of production in our plant.

Detail advice regarding other specific application of **Gulf Pack NHS(A)** and other films in the Gulf Pack range is available upon request.