

NT100

Non-Heat Sealable Tape Base Film



TRANSPARENT BOPP FILM

DESCRIPTION :

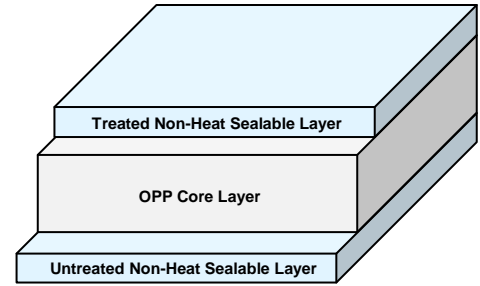
Gulf Pack NT100 is a non heat sealable transparent film, one side treated, designed specifically for the production of adhesive tapes.

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 applications



PROPERTIES		UNIT	TYPICAL VALUES									TEST METHOD.
PHYSICAL	Thickness	Microns	16	17	23	25	28	30	40	45	50	ASTM D 374
		Gauge	64	68	92	100	112	120	160	180	200	
	Grammage	g/m ²	14.56	15.47	20.93	22.75	25.48	27.30	36.40	40.95	45.5	*GPIM
		lbs/ream	9.0	9.52	12.9	14.0	15.7	16.8	22.4	25.19	28.00	
	Yield	m ² /kg	68.68	64.64	47.78	43.96	39.25	36.63	27.50	24.42	22.00	
		in ² /lb	48,390	45,544	33,600	31,000	27,600	25,800	19,400	17,200	15,468	
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	16									ASTM D 882
		*TD	28									
		MD	22,752									
		TD	39,816									
	Elongation at Break	MD	150									ASTM D 882
		TD	50									
	Modulus of Elasticity	MD	220									ASTM D 882
		TD	370									
MD		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 – Transverse Direction

Gulf Pack NT100 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 NT100 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 NT100** and other films in the Gulf Pack range is available upon request.