



TECHNICAL DATA SHEET

UP-30 is blown PE film which produced by co-extrusion technology to has the "easy peelability" required for lid sealing.

FEATURE

- 1) Good sealing through contamination when some substance sticks at the seal area.
- 2) Easy peeling suitable for dry lamination.
- 3) Refrigeration, Chiling, freezing and microwavable.

USE

Sealant films used for easy peelable lid to PP, PE containers.

General Physical property of Easy Peel

Description		Unit	Specification		Test Method
Width		mm	Order +5,-0		UPI Method
Length		m	Order 0,+3%		
Thickness		um	40±5%	50±5%	
Tensile Strength	MD	MPa	≥ 20	≥ 20	
	TD		≥ 15	≥ 15	
Elongation at Break	MD	%	≥ 400	≥ 400	
	TD		≥ 600	≥ 600	
Kinetic COF : Non Treated side		-	0.05 - 0.2	0.05 - 0.2	ASTM D 1894/JIS K 7125
Heat seal strength (150C, 2kg, 1sec)		Kgf/15mm	≥ 0.8	≥ 1	UPI Method
Peel Force		Kgf/15mm	0.02-0.08		ASTM F88
Corona Treated :	Non-Treated	Dynes	None		UPI Method
	Inside-Treated		38-44		
Color of Film		-	Clear		
Gel	Number	pcs./m ²	10		
	Size Ø	mm	0.5-1.0		
Black spot	Number	pcs./m ²	5		
	Size Ø	mm	0.1-0.5		

Note : Peel force test: PE film heat-sealed to PP at 150°C, 2kg, 1s.

Raw Material : Linear Low Density Polyethylene, Low Density Polyethylene, Slip agent, Antiblock agent, Processing aid

Statutory and regulatory : Complies with U.S. FDA : 21 CFR part 177.1520, RoHS, Commission Regulation (EU) No 10/2011.

The Notification of the Ministry of Public Health (No.435) B.E. 2565 (2022)

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Appearance :	The film shall be uniform ; free of pin hole , foreign matter and streaks.
Storage :	Store in dry place, high temperature not over 40 °C, keep away from direct sunlight, high moisture and fuel gas from LPG gas.
Product guarantee :	The physical properties is not over a year. The change in color of film The change in color of film or appearance is not over six months. The corona treatment and COF property is not over three months from the date of manufacture.

Roll Characteristics.

Width tolerance	:	(+5, -0)mm.(measure on film)
Internal Core diameter	:	76 (+3 , -0) mm.
Joint	:	1 for 20% maximum of total delivery.
Number of joint	:	Maximum 1 joint/roll with red tape.
Film Appearance	:	The film shall be uniform ; free of pin hole , foreign matter and streaks. No creasing , no swollen roll. No corrugation , no blocking. Misalignment is not over 2 mm.

Packaging.



A



B

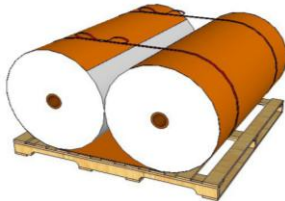


C



D

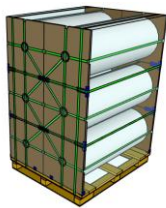
A . Horizontal for laminate film



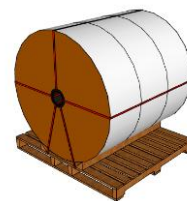
B. Vertical for laminate film



C. Hanging horizontal for shipping and airfreight



D. Horizontal for Heavy duty sack



Roll Identification:

Each roll is identified with label stucked on the roll.

There is information including customer name , width , length , thickness , weight , corona treatment , etc.

The production history can monitor on batch number 15 digits described below;

AA	BB	CC	DDDDDD	- EEE
↓	↓	↓	↓	↓
Type of sale order	Production year	Production month	Number of sale order	Roll Number

Approved by (Customer) :

Position :

Company :

Date :