ICO PLAIN

Transparent Coextruded Bi-oriented Polypropylene Film

Non heat sealable

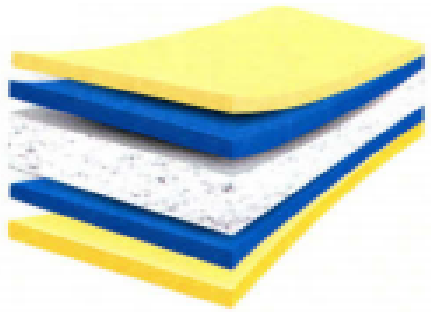
Non heat sealable treated glossy layer

OPP intermediate layer

OPP Core

OPP intermediate layer

Non heat sealable glossy layer



Main Characteristics

- Non heat sealable transparent film
- High transparency
- High glossy surface
- Suitable for food contact
- Good barrier to moisture, odours and gases
- High resistance to oil, grease, chemical, puncture and abrasion

Typical Applications

- Rotogravure and flexographic printing
- Lamination (in particular low thickness film) both with itself and other film
- Single web structure (in particular high thickness film)
- General overwrapping of greeting cards, clothes, sweet.

	Core diameter	Outer diameter	Note
Vertical	152 mm (6″) 76 mm (3″)	≤ 550 mm	≤ 700 mm– two or more rows >700mm - one row
Horizontal	152 mm (6″) 76 mm (3″)	≤ 770 mm	

Packing

Joints

Number of joints per reel	** max. 1 for reels up to 580 m O/D ** max. 1 for reels up to 580 m O/D

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CAIRO CO. FOR MANUFACTURING PACKING MATERIALS - S.A.E.

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Properties	Tolerance	Ref	Typical Values							Unit	Test Method
Thickness	(+ / -) 3%		15	20	25	28	30	35	40	micron	ASTM D 2673
Unit Weight	(+ / -) 3%		13.7	18.2	22.8	25.5	27.3	31.9	36.4	gm/m^2	
Yield	(+ / -) 3%		73.3	55	44	39.3	36.6	31.5	27.5	m^2/Kg	
Tensile Strength	Min.	MD	130							N/mm^2	ASTM D882
	Min.	TD	250								
Elongation At Break	Max.	MD	200							%	
	Max.	TD	60								
Coefficient Of Friction	Max.	Film/film	0.4								ASTM D 1894
Haze	Max.		2							%	ASTM D 1003
Gloss	Min.		90							G.U.	ASTM D 2457
Dimensional Stability	Max.	MD	5							%	120°C - 5 min in air oven
	Max.	TD	3								
Heat Seal Range (Untreated Side)			Non heat sealable							C	OPMA Method
Water Vapour Permeability	Max.		**10.7**	**8.3**	**6.6**	**6**	**5.5**	**4.7**	**4.1**	$gm/ m^2 d$	ASTM F1249 (38°C - 90% RH)
Oxygen Permeability	Max.		**2700**	**2200**	**1800**	**1600**	**1500**	**1300**	**1100**	$cm^3/ m^2 d$	ASTMD3985 23°C 0% RH
Density			0.91							gm / cm^3	ASTM D 1505
Wetting Tension (Treatment)	Min.		38							dyne /cm	ASTM D 2578

Tolerance		
Weight	< 1.0 Ton	± 20 %
	> 1.0 Ton To < 10.0 Ton	± 10 %
	> 10.0 Ton	± 5 %
Tolerance in width	(+ / -) 2 mm	

Film storage

It is recommended that the material is stocked in a dry area with a temperature below 30°C in order to restrain the deterioration of the film properties in general. The film is suitable for usage up to 6 months from the date of delivery**.**

Treatment

The film is generally supplied outside treated TO. The film can be supplied inside treated TI or both sides TB depending on agreement with our sales department.

Food Contact

The Film is compliant with EC and FDA regulations. Specific documents and safety data sheet are available upon request.

The above information is the result of laboratory test which are applied on samples from standard production. Since the varying conditions under which our products used are beyond our control, all of the above results are without guarantee and warranty

Last update: 02/01/2022