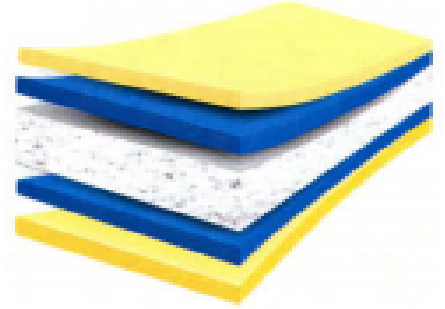


ICO LABEL LD HS

Super White Opaque Bi-oriented Polypropylene Film

Heat sealable treated glossy layer	_____
OPP intermediate layer	_____
White Voided OPP Core	_____
OPP intermediate layer	_____
Heat sealable layer	_____



Main Characteristics

- Very high optical density
- High gloss
- Low density, High yield
- Heat sealable both sides.
- Excellent printability and receptivity to adhesives
- Excellent stiffness
- Improve resistance to label tearing

Typical Applications

- Rotogravure and flexographic printing
- Reel fed wrap- around labeling
- Lamination with other films

Reel Size Availability

Core diameter	Outer diameter (mm)	Standard reel length (m)	
		LABEL LD HS 38	LABEL LD HS 42
6" (152mm)	700	9550	8650
	600	6850	6200
	500	4600	4150
3" (76mm)	700	9950	9000
	600	7300	6600
	500	5000	4500
Thickness (μ)		38 μ	42 μ

Factory: 6th October City ,Industrial Area No. 1 & No. 3 – Liaison Office: 162 El Ahram St. Giza, Egypt 12151
Tel: (202) 38204025, 38204647 Fax: (202) 38204024, 38204788
www.copack.com.eg

ICO LABEL LD HS

Properties	Tolerance	Ref	Typical Values	Unit	Test Method	
Thickness	(+ / -) 4%		38	42	micron	ASTM D 2673
Unit Weight	(+ / -) 4%		23.6	26	gm/m ²	
Yield	(+ / -) 4%		42.4	38.4	m ² /Kg	
Tensile Strength	Min.	MD	60		N/mm ²	ASTM D882
	Min.	TD	130			
Elongation At Break	Max.	MD	160		%	
	Max.	TD	30			
Coefficient Of Friction	Max.	Film/film	0.3			ASTM D 1894
Optical Density	Min.		0.7		%	ASTM D 1003
Gloss	Min.		75		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)			105 – 145		C	OPMA Method
Heat seal Strength	Min.	Film/film	170		Gm/cm	130C/1sec./1bar
Density	(+ / -) 0.05		0.62		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