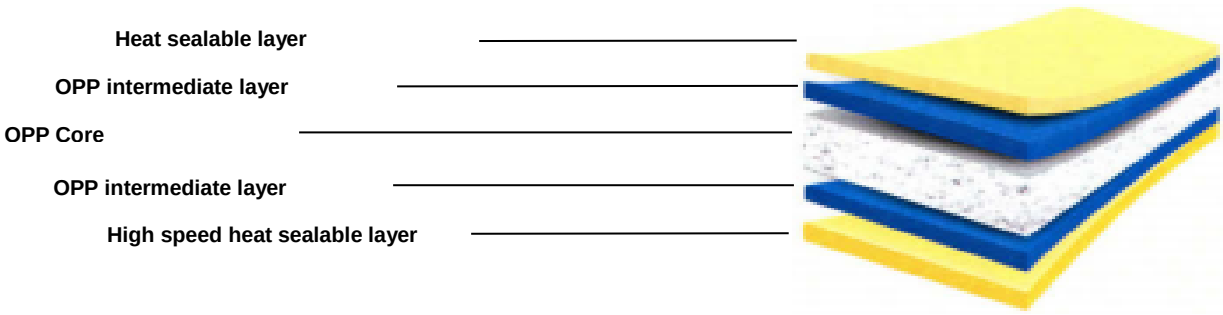
ICO SHRINK

High speed Transparent Shrink Coextruded Bi-oriented Polypropylene Film



Main Characteristics

- Excellent controlled slip is recommended for high speed wrapping and general overwrapping machines.
- Superior balanced shrinkage.
- Good heat seal on both sides with excellent hot tack.
- Excellent transparency and gloss.
- Good barrier to moisture, odours and gases
- Improved with special antistatic agent to achieve a very fast static charge decay.

Typical Applications

- Tobacco hard, soft packs and bundle wrapping.
- Overwrapping for pharmaceutical and cardboard boxes.

Reel Size Availability

Core diameter	Outer diameter (mm)	Standard reel length (m)
		ICO SHRINK 21
3″ (76mm)	320	3550
	240	1850
Thickness (µ)		21 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

ISO 9001:2015 ISO 450001:2018 BRCGS PIRA

شـركة القاهـرة لصناعـة مواد التعبئة والتغليف - ش. م. م.

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

ICO SHRINK

Properties	Tolerance	Ref	Typical Values	Unit	Test Method
Thickness	(+ / -) 5%		21	micron	ASTM D 2673
Unit Weight	(+ / -) 5%		19.1	gm/m^2	
Yield	(+ / -) 5%		52.3	m^2/Kg	
Tensile Strength	Min.	MD	140	N/mm^2	ASTM D882
	Min.	TD	280		
Elongation At Break	Max.	MD	180	%	
	Max.	TD	60		
Coefficient Of Friction	Max.	Film/film	0.25		ASTM D 1894
Haze	Max.		4	%	ASTM D 1003
Gloss	Min.		80	G.U.	ASTM D 2457
Dimensional Stability	MIN.	MD	7	%	130°C - 5 min in air oven
	MIN.	TD	6		
Heat Seal Range (Untreated Side)			120 – 145	C	OPMA Method
Heat seal Strength	Min.	Film/film	200	Gm/cm	130C/1sec./1bar
Water Vapour Permeability	Max.		5	$gm/ m^2 d$	ASTM F1249 (38°C - 90% RH)
Oxygen Permeability	Max.		1500	cm^3/ m^2d	ASTMD3985 23°C 0% RH
Density			0.91	gm / cm^3	ASTM D 1505

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**.**

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

ISO 9001:2015 ISO 450001:2018 BRCGS PIRA