



THo-L

TRANSPARENT LABEL BOTH SIDE HEAT SEALABLE
ONE SIDE TREATED BOPP FILM

Description

Transparent, 5 Layers, Bothside Heat Sealable, One Side Corona Treated, High Gloss BOPP Film with excellent Slip and Antistatic Properties for use in Wrap Around Label Applications. Specifically designed for excellent get up and adhesion of surface printing.

Applications

Transparent, 5 Layers, Both side heat Sealable, One Side Corona Treated Film for Label Application

Characteristics

- o High Surface Gloss
- o Excellent Surface Treatment Retention
- o Specially Designed for Surface Printing Applications
- o Excellent Anchorage of Inks on High Energy Treated Side
- o Excellent Machinability
- o Excellent Mechanical Properties

INSTRUCTIONS

- o Treatment is guaranteed for 3 months if stored at a temperature below 30°C and humidity 45% to 55%.
- o Other properties of the film are guaranteed for 6 months from the date of production.
- o Film should be allowed to reach operating room temperature 24 hours before use.
- o Whilst every endeavour will be made to supply material in accordance with the quality of sample submitted or quoted for but guarantee can only be given for broad parameter compliance.
- o It is recommended that stock should be used on a first-in, first-out basis.

TECHNICAL DATA SHEET

PROPERTIES	THo-L		UNITS	TEST CONDITIONS	
PHYSICAL					
Thickness	38	40	μ	Internal Test Method	
Grammage	34.6	36.4	gm/m ²		
Yield	28.9	27.45	M ² /Kg		
Wetting Tension	38	38	Dynes/cm	ASTM D2578	
OPTICAL					
Haze	2.2	2.2	%	ASTM D1003	
Gloss at 45° Angle	93	93	%	ASTM D2457	
MECHANICAL					
Dynamic C.O.F (NT x NT)	0.3	0.3	-	ASTM D1894	
Tensile Strength at Break	14	14	Kgf/mm ²	MD	ASTM D882
	27	27	Kgf/mm ²	TD	
Elongation at Break	180	180	%	MD	ASTM D882
	65	65	%	TD	
THERMAL					
Heat Shrinkage	3.5	3.5	%	MD	IPAK 120°C/05 min
	1.5	1.5	%	TD	
Heat Seal Range	105 - 140	105 - 140	°C	IPAK 1 Bar 1 Sec	
Heat Seal Strength	210	210	gm/cm	IPAK 1 Bar 1 Sec at 130 °C	
BARRIER					
Water Vapour Permeability	5	5	gm/m ² /24 Hrs	ASTM F1249 38 °C, 90% RH	
Oxygen Permeability	1800	1800	cc/m ² /24 Hrs	ASTM D3985 23 °C, 0% RH	



Outside Treated Sealable Layer
Intermediate Layer 1
Core Layer
Intermediate Layer 2
Sealable Layer