



THo-SG

TRANSPARENT BOTH SIDES HEAT SEALABLE ONE SIDE CORONA TREATED SOAP GRADE BOPP FILM

Description

Transparent, 5 Layers, Both Side Heat Sealable, One Side Corona Treated BOPP Film with Excellent Barrier, Clarity, Slip and Antistatic Properties for Printing & Lamination application. The corona treated side is specifically designed for excellent adhesion of inks and adhesive during conversion.

Applications

Transparent, 5 Layers, Both Side Heat Sealable, One Side Corona Treated Soap Grade Film. Laminate with IPAK PRL-SG BOPP Film and this Laminate is used as paperless Soap Wrapper.

Characteristics

- Excellent Hot-Tack and Seal Strength
- Very Good Barrier Properties
- Excellent Slip and Antistatic Properties
- Excellent Dimensional Stability
- High Surface Gloss and Transparency
- Excellent Machinability
- Excellent Adhesion of Inks and Adhesive on Treated Side
- Excellent Mechanical Properties

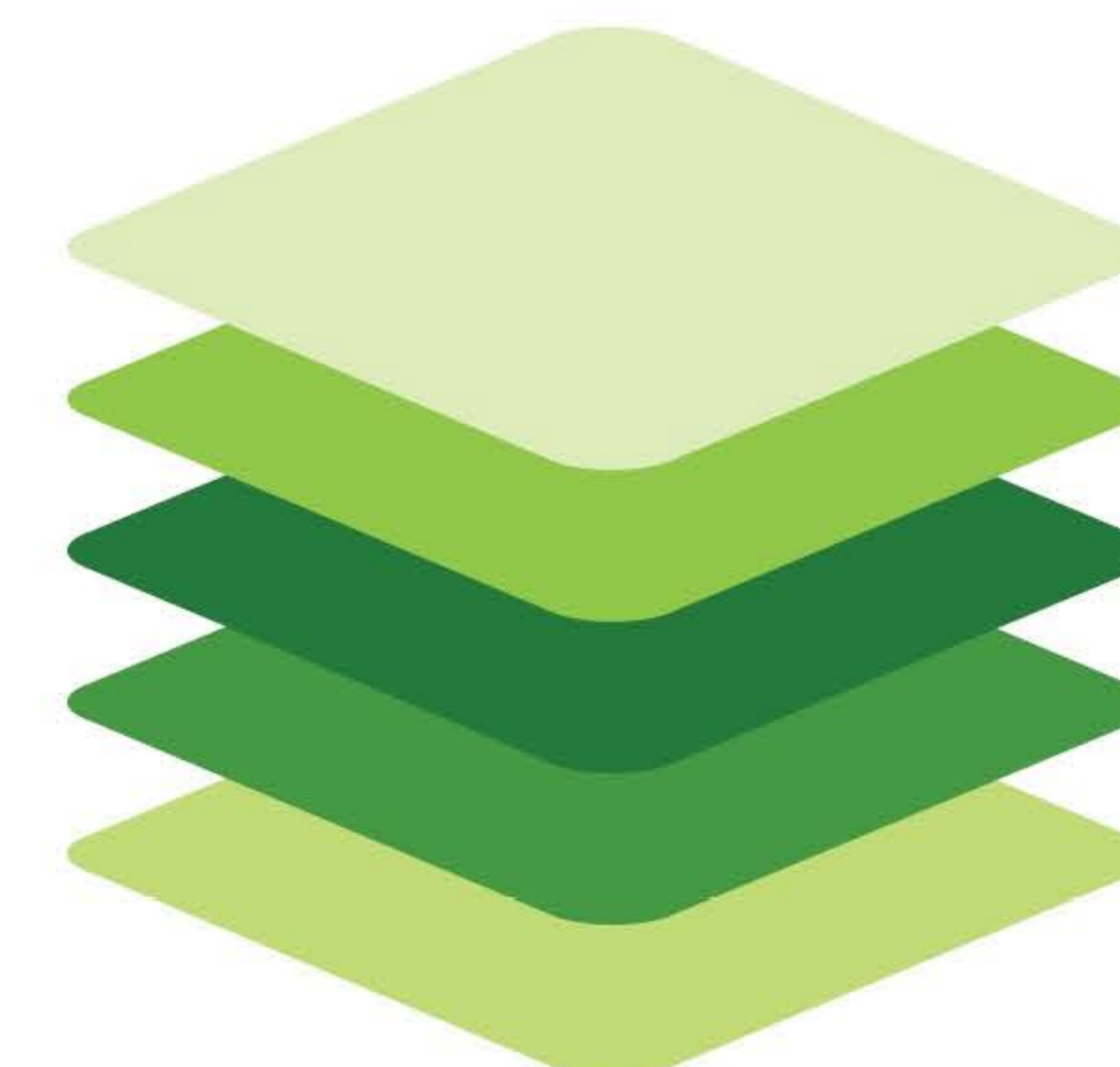
INSTRUCTIONS

- 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.

*Available in inside and outside corona treated as per requirement of customer.

TECHNICAL DATA SHEET

PROPERTIES	THo-SG		UNITS	TEST CONDITIONS
PHYSICAL				
Thickness	20	40	μ	Internal Test Method
Grammage	18.2	36.40	gm/m ²	
Yield	54.95	27.45	M ² /Kg	
Wetting Tension	38	38	Dynes/cm	ASTM D2578
OPTICAL				
Haze	2.0	2.2	%	ASTM D1003
Gloss at 45° Angle	95	95	%	ASTM D2457
MECHANICAL				
Dynamic C.O.F (NT x NT)	≤ 0.25	≤ 0.25	-	ASTM D1894
Tensile Strength at Break	15	15	Kgf/mm ²	Machine Direction
	28	28	Kgf/mm ²	Transverse Direction
Elongation at Break	180	180	%	Machine Direction
	70	70	%	Transverse Direction
THERMAL				
Heat Shrinkage	4	3.5	%	Machine Direction
	2	1.5	%	Transverse Direction
Heat Seal Range	105-140	105-140	°C	IPAK 1 Bar 1 Sec
Heat Seal Strength	190	250	gm/cm	IPAK 1 Bar 1 Sec at 130 °C
BARRIER				
Water Vapour Permeability	6	5	gm/m ² /24 Hrs	ASTM F1249 38 °C, 90% RH
Oxygen Permeability	2200	1800	cc/m ² / 24 Hrs	ASTM D3985 23 °C, 0% RH



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