

MATT-WL

MATT BOTH SIDE HEAT SEALABLE BOPP FILM

Description

Matt, 5 Layers, Out Side Corona Treated BOPP Film with Excellent Contact Clarity, Slip and Antistatic Properties for Printing, Lamination and HFFS and VFFS packaging application. This Film is specifically designed for Papers, Boards, Posters and Book Covers Lamination and where Matt appearance is required.

Applications

Matt, 5 Layers, Both Side Heat Sealable, Outside Corona Treated Film for Printing, Web Lamination and Lamination of Printed Papers, Boards, Posters, Book Covers etc.

Characteristics

- o Excellent Matt Appearance
- o Excellent Contact Clarity
- o Excellent Surface Treatment Retention
- o Excellent Anchorage of Inks and Lamination Adhesive
- o Excellent Machinability
- o Excellent Mechanical Properties

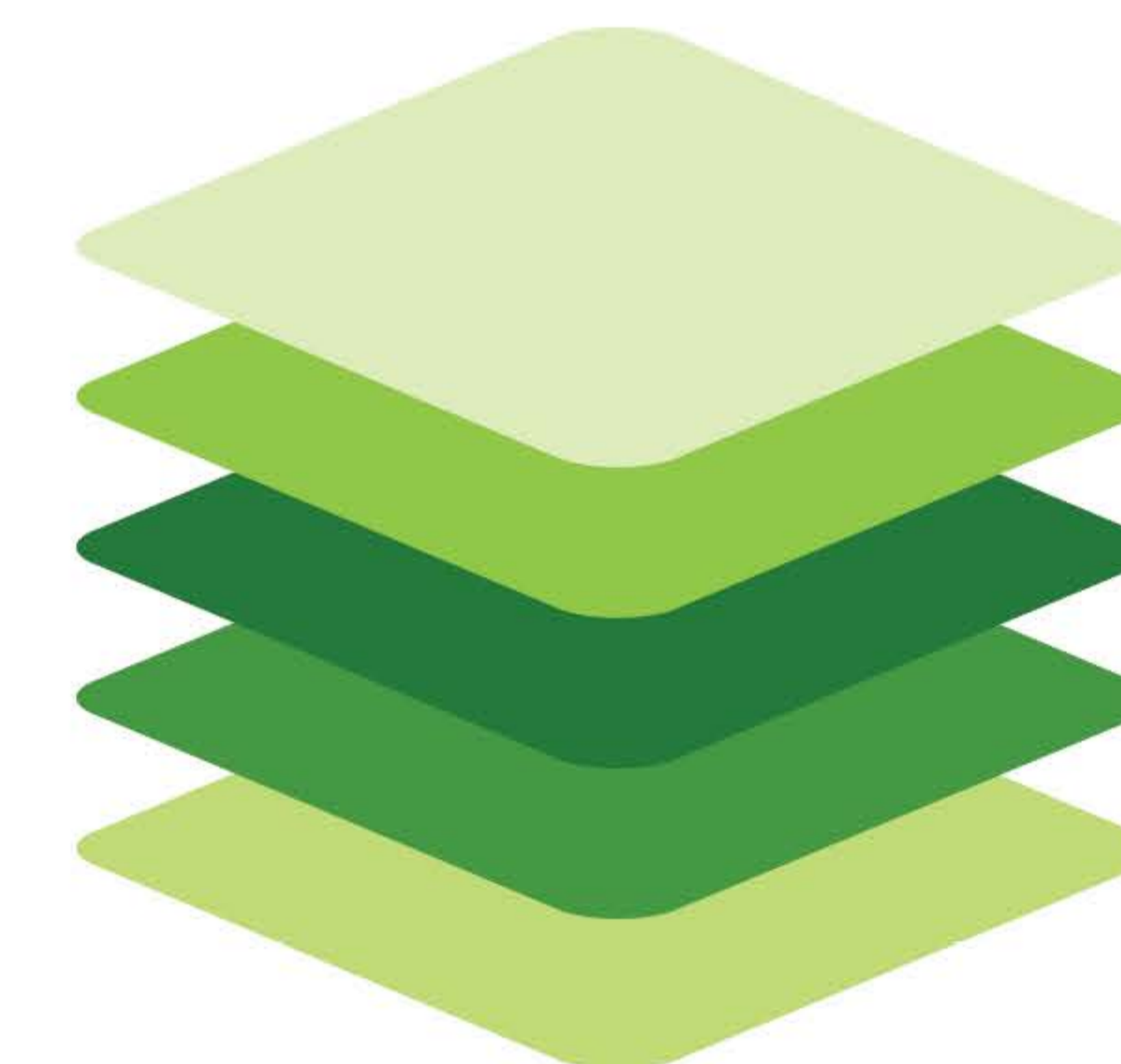
*Available in Inside, Outside and both sides Corona Treated, as per requirement of the customer

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	MATT-WL				UNITS	TEST CONDITIONS
PHYSICAL						
Thickness	15	18	20	30	μ	Internal Test Method
Grammage	12.6	15.12	16.8	25.2	gm/m ²	
Yield	79.36	66.14	59.52	39.68	M ² /Kg	
Wetting Tension	38	38	38	38	Dynes/cm	ASTM D2578
OPTICAL						
Haze	72	72	72	72	%	ASTM D1003
Gloss at 45° Angle - Matt Side	10	10	10	10	%	ASTM D2457
MECHANICAL						
Dynamic C.O.F (NT x NT)	0.35	0.35	0.35	0.35	-	ASTM D1894
C.O.F (Film to Metal)	0.25	0.25	0.25	0.25	-	
Tensile Strength at Break	11	11	11	11	Kgf/mm ²	ASTM D882
	22	22	22	22	Kgf/mm ²	
Elongation at Break	165	165	165	165	%	ASTM D882
	65	65	65	65	%	
THERMAL						
Heat Shrinkage	5	5	4	4	%	IPAK 120°C/05 min
	3	3	2	2	%	
Heat Seal Range - Matt Side	130 - 150	130 - 150	130 - 150	130 - 150	°C	IPAK 1 Bar 1 Sec
Heat Seal Range - Gloss Side	120 - 140	120 - 140	120 - 140	120 - 140		
Heat Seal Strength - Matt Side	155	155	155	155	gm/cm	IPAK 1 Bar 1 Sec at 130 °C
Heat Seal Strength - Gloss Side	180	180	180	180		
BARRIER						
Water Vapour Permeability	8	8	8	8	gm/m ² /24 Hrs	ASTM F1249 38 °C, 90% RH
Oxygen Permeability	2100	2100	2100	2100	cc/m ² /24 Hrs	ASTM D3985 23 °C, 0% RH



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