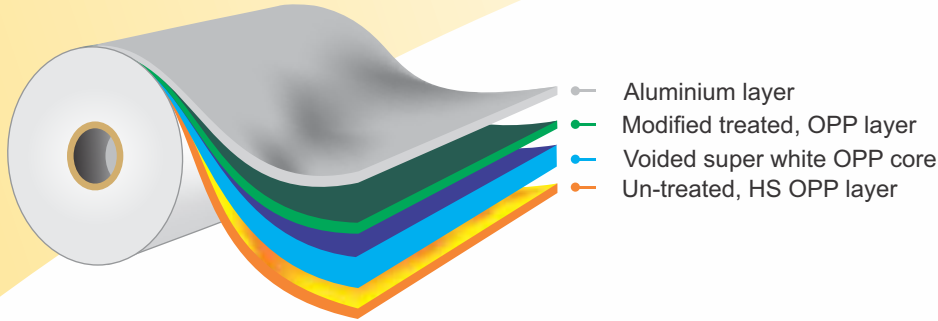


Metallised White Opaque Label (low Density & High Metal Brilliance)

38 HST-1 (PLO) MO

Structure



- Aluminium layer
- Modified treated, OPP layer
- Voided super white OPP core
- Un-treated, HS OPP layer

Description

It is a co-extruded, one side metallised and other side heat sealable super white opaque Bi-axially Oriented Polypropylene film.

Features

- Outstanding shiny metal appearance
- High optical density
- Excellent stiffness
- Good mould resistance
- Excellent adhesion of aluminum to film
- Excellent machinability
- Low density and high yield
- Good ink adhesion

Applications

- Reel-fed wrap around labels for soft drinks bottles.

Typical Values

Properties	Ref.	Units	Astm # / Test Method	38 HST-1 (PLO) MO
Physical Data				
Average Thickness		micron	D-374-C	38
		gauge		151.1
		mils		1.51
Thickness Variation		% (±)		5
Average Substance		g/m ²		24.70
Density				0.65
Kinetic COF	UT-UT		D-1894	0.30 – 0.40
Yield		m ² /kg	D-4321	40.48
Optical Data				
Optical Density			CTM	2.6 – 2.8
Mechanical Data				
Tensile Strength	MD	kg/ cm ²	D-882	650 - 850
	TD			1000 – 1400
Elongation	MD	%	D-882	130 - 180
	TD			30 - 80
Thermal Data				
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2.0 – 4.0
	TD			1 - 3
Barrier Data				
MVTR (38°C, 90%RH)		g/m ² /day	F-1249	0.4
OTR (23 °C, 0%RH)		cc/m ² /24	D-3985	< 100

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction

Disclaimer : The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

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