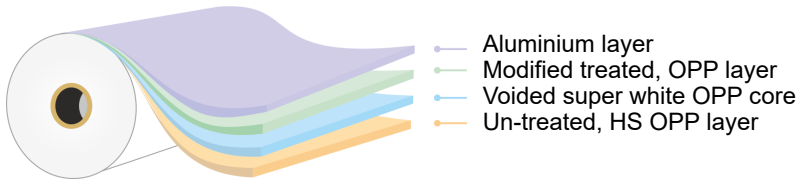


# Label Film Wrap Around Label, Metallised White

## HST-1(PLO) MO

### Structure



### 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	HST-1(PLO) MO
<b>Physical Data</b>				
Average Thickness		Micron	D-374-C	38
		Gauge		152
Thickness Variation		%(±)		5
Average substance		g/m <sup>2</sup>		24.7
Density		g/cc		0.65
Kinetic COF	UT-UT		D-1894	0.30-0.40
Yield		m <sup>2</sup> /Kg	D-4321	40.4
		in <sup>2</sup> /lb		28404
<b>Optical Data</b>				
Optical Density			CTM	2.6-2.8
<b>Mechanical Data</b>				
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	650-850
	TD			1000-1400
Elongation	MD	%	D-882	130-180
	TD			30-80
<b>Thermal Data</b>				
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	2.0-4.0
	TD			1.0-3.0
<b>Barrier Data</b>				
MVTR (38°C, 90% RH)		g/m <sup>2</sup> /day	F-1249	<0.3
MVTR (100 °F,90%RH)		g/100 in <sup>2</sup> /day	F-1249	<0.02
OTR (23°C, 0% RH)		cc/m <sup>2</sup> /day	D-3985	<100
OTR (73°F, 0% RH)		cc/100 in <sup>2</sup> /day	D-3985	<6.45

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

**Storage condition :** Storage temperature to be maintained 25 Deg.C (+/-5 Deg C) & relative humidity 55% (+/-5%) to avoid accelerated reduction of surface treatment level.

**Note :** Treatment values in metallized films tend to decay over a period of time during transportation & subjected to storage conditions, hence it is recommended to check the treatment prior to processing & if reduction is observed then go for online treatment, high adhesive GSM & a suitable primer may be applied.

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