

# Pressure Sensitive Label Facestock Film Metallised, Top Coated (UPAi)

## HST-2(UPAi) MO

### Structure



### Description

It is a co-extruded, one side coated for print receptivity and other side metallised Bi-axially oriented polypropylene film

### Features

- sparkling metallic appearance
- coated print surface for excellent ink adhesion and high speed press performance
- Wide compatibility with ink system (UV, water base, etc.)
- Spectacular print performance across wide variety of printing process (flexography, UV offset, TT Printing, silkscreen Letter press, Foiling etc.)
- High stiffness for conversion and dispensing
- Superior performance of of print surface in humid environment

### Applications

- Film suitable for label stock conversions
- After conversion used for pressure sensitive labels for beverages, health, beauty, pharmaceutical application

### Typical values

Properties	Ref.	Units	ASTM#/ Test Method	HST-2(UPAi) MO	
<b>Physical Data</b>					
Average Thickness		Micron	D-374-C	41	51
		Gauge		164	204
		Mils		1.6	2.0
Thickness Variation		%(±)		3	
Average substance		g/m <sup>2</sup>		36.8	45.8
Yield		m <sup>2</sup> /Kg	D-4321	27.1	21.8
		in <sup>2</sup> /lb		19053	15326
<b>Optical Data</b>					
Optical Density			CTM	2.0-2.4	
<b>Mechanical Data</b>					
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	1100 - 1400	
	TD			2400 - 2800	
Elongation	MD	%	D-882	140-200	
	TD			30-80	
<b>Thermal Data</b>					
Shrinkage (120°C/248 °F, 5 min)	MD	%	D-1204	2.0-4.0	
	TD			0.5 - 2.0	

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 metalized 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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