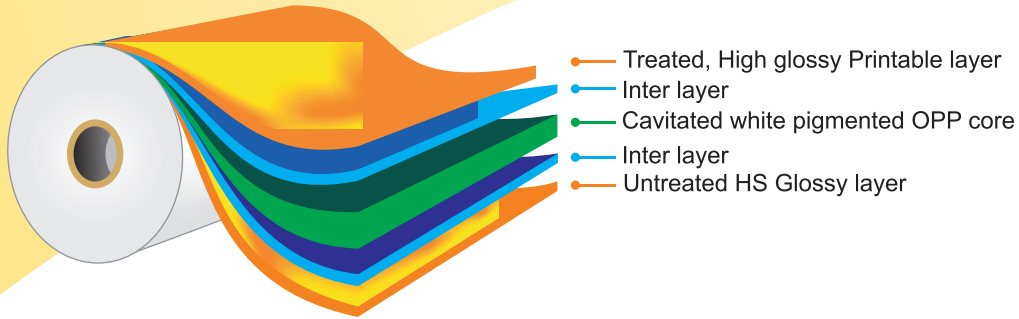


# Printing Pouching (High Gloss Cavitated White Film)

## HST-1 (PL) HG

### Structure



### Description

It is a co-extruded, white cavitated, one side corona treated and other side slip modified and low temperature heat sealable Bi-axially Oriented Polypropylene film.

### Features

- Very high yield
- Excellent machinability
- High opacity
- Superior gloss
- Good compatibility with solvent based inks
- Good antistatic

### Applications

- General purpose printing and pouching of snacks and bakery products
- As a component in multi-layer laminate for VFFS & HFFS application

### Typical Values

Properties	Ref.	Units	Astm # / Test Method	HST-1 (PL) HG		
<b>Physical Data</b>						
Average Thickness		micron	D-374-C	33	38	47
Thickness Variation		% (±)		5		
Average Substance		g/m <sup>2</sup>		20.46	23.56	29.14
Density		g/cc		0.62		
Wettability (min.)		dynes/cm	D-2578	38		
Kinetic COF	UT-UT		D-1894	0.25 - 0.40		
Yield		m <sup>2</sup> /kg	D-4321	48.87	42.44	34.32
<b>Optical Data</b>						
Gloss (45 °)		gardner	D-2457	90		
Opacity		%	Hunter Lab(D25-2CR)	80-85		
<b>Mechanical Data</b>						
Tensile Strength	MD	kg/ cm <sup>2</sup>	D-882	550-750		
	TD			1100 - 1300		
Elongation	MD	%	D-882	115 - 165		
	TD			25 - 55		
<b>Thermal Data</b>						
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2 - 4		
	TD			1 - 3		
Seal Initiation Temp	UT-UT	°C	CTM	105		
Heat Seal Strength		g/25mm	CTM	500		
<b>Barrier Data</b>						
MVTR (38 °C, 90% RH)		g/m <sup>2</sup> /day	F-1249	7.5	7.0	6.0

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.

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