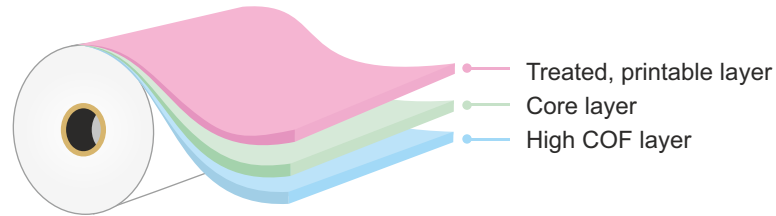


# Printing & Pouching Film

## Transparent - High COF, Heat Sealable

### HST-1 (HCF)

#### Structure



#### Description

It is a co-extruded, both side heat sealable and one side treated Bi-axially Oriented Polypropylene film

#### Features

- Excellent machinability
- Good ink adhesion
- Good heat seal strength
- High COF for anti-skid property

#### Applications

- Anti-skid bulk bags for grocery items, Pet foods, rice, fertilizers, pulses, grains bags.

#### Typical Values

Properties	Ref.	Units	Astm # / Test Method	HST-1 (HCF)	
<b>Physical Data</b>					
Average Thickness		micron	D-374-C	18	20
		gauge		72	80
		mils		0.7	0.8
Thickness Variation		% (±)		3	
Density		g/cc		0.905	
Average Substance		g/m <sup>2</sup>		16.3	18.1
Surface tension (min.)		dynes/cm	D-2578	38	
Kinetic COF	UT-UT		D-1894	0.6 - 0.9	
Yield		m <sup>2</sup> /Kg	D-4321	61.34	55.24
<b>Optical Data</b>					
Gloss (45 °)		gardner	D-2457	> 88	
Haze		%	D-1003	1.5 - 2.5	
<b>Mechanical Data</b>					
Tensile Strength	MD	kg/ cm <sup>2</sup>	D-882	1100 - 1400	
	TD			2400 - 2800	
Elongation	MD	%	D-882	150 - 200	
	TD			30 - 80	
<b>Thermal Data</b>					
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	3.0 - 4.0	
	TD			2.0 - 3.0	
Heat Seal Strength (135 deg. C for 0.5 sec.)	UT	g/25 mm	CTM	400	

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.

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