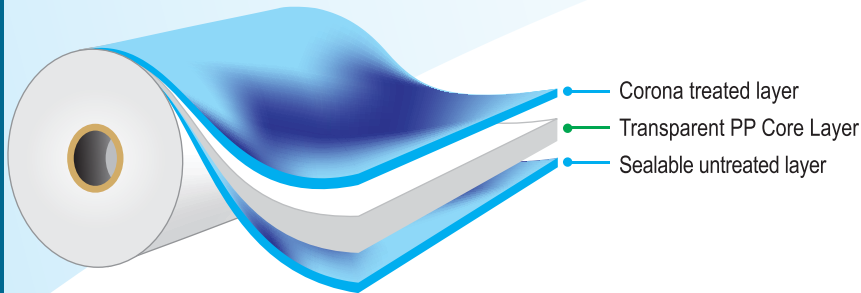


# Printing & Pouching Film

## Transparent CPP, Heat Sealable

### Structure



### Description

It is a co-extruded, one side heat sealable and one side treated cast polypropylene film.

### Features

- Excellent machinability
- Low COF for high speed packaging.
- Good ink adhesion
- High heat seal strength
- Good Hot Tack
- Good optical properties

### Applications

- General purpose printing and pouching of pasta, dried beans and bakery products
- Lamination & single ply application

### Typical Values

Properties	Ref.	Units	Astm # / Test Method	HST-1 (P/L) CPP							
<b>Physical Data</b>											
Average Thickness		micron	D-374-C	20	22	25	30	35	40	45	50
		gauge		80	88	100	120	140	160	180	200
Thickness Variation		% (±)		5							
Density		g/cc		0.910							
Average Substance		g/m <sup>2</sup>		18.2	20.0	22.7	27.3	31.8	36.4	41.0	45.5
Surface tension (min.)		dynes/cm	D-2578	38							
Kinetic COF	UT/UT		D-1894	0.20 – 0.25							
Yield		m <sup>2</sup> /Kg	D-4321	54.9	50.0	44.0	36.6	31.4	27.5	24.4	22.0
<b>Optical Data</b>											
Gloss (45 °)		gardner	D-2457	75 - 80				70 - 75			
Haze		%	D-1003	3.5 – 4.2				4.5 – 5.5			
<b>Mechanical Data</b>											
Tensile Strength	MD	kg/ cm <sup>2</sup>	D-882	350 - 650							
	TD			180 - 290							
Elongation	MD	%	D-882	400 - 600							
	TD			500 - 600							
<b>Thermal Data</b>											
Seal Initiation Temp.		°C	CTM	110							
Heat Seal Strength (min)		g/25mm	CTM	1800	2000	2300	2600	2900	3200	3600	3900
<b>Barrier Data</b>											
MVTR ( 38°C, 90%RH)		g/m <sup>2</sup> /day	F-1249	12	13	12	10	9.0	9.0	9.0	8.0
OTR ( 23°C, 0%RH)		cc/m <sup>2</sup> /24h	D-3985	3500	3700	3650	3600	3550	3500	3500	3500

CTM : Cosmo Test Method

MD : Machine Direction

TD : Transverse Direction

UT : Untreated

**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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