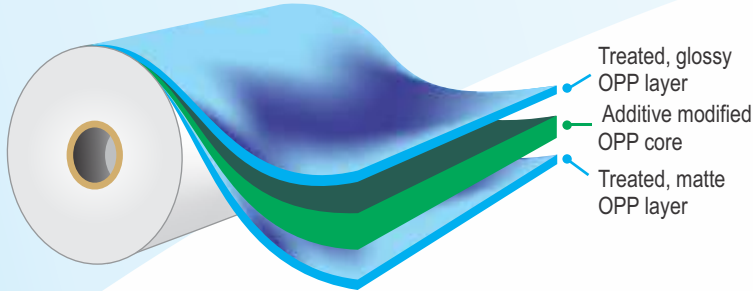


# Print Lamination (Matte Film)

## PCT-2 (M)

### Structure



### Typical Values

### Description

It is a co-extruded, plain, antistatic, both sides treated, one side matte, other side gloss Bi-axially Oriented Polypropylene film.

### Features

- Low static charge
- Excellent machinability
- Good ink / varnish adhesion
- High haze, good contact clarity

### Applications

- Natural look lamination of printed, unprinted paper, paperboard and carton lamination
- Extrusion coating with primer for thermo-lamination & UV spot coating.

Properties	Ref.	Units	Astm # / Test Method	PCT-2 (M)				
<b>Physical Data</b>								
Average Thickness		micron	D-374-C	12	13	15	18	20
		gauge		47.24	51.18	59.06	70.87	78.74
		mils		0.47	0.51	0.59	0.71	0.78
Thickness Variation		% (±)		3	3	3	3	3
Density		g/cc		0.84	0.84	0.84	0.84	0.84
Average Substance		g/m <sup>2</sup>		10.08	10.92	12.60	15.12	16.80
Wettability (min.)	Glossy	dynes/cm	D-2578	38	38	38	38	38
	Matte			38	38	38	38	38
Kinetic COF	Matte - Matte		D-1894	0.35 - 0.50	0.35 - 0.50	0.35 - 0.50	0.35 - 0.50	0.35 - 0.50
Yield		m <sup>2</sup> /Kg	D-4321	99.20	91.57	79.36	66.14	58.14
<b>Optical Data</b>								
Gloss (45 °)	Matte	gardner	D-2457	7 - 10	7 - 10	7 - 10	7 - 10	7 - 10
		%	D-1003	70 - 75	70 - 75	70 - 75	70 - 75	70 - 75
<b>Mechanical Data</b>								
Haze								
Tensile Strength	MD	kg/ cm <sup>2</sup>	D-882	1000 - 1300	1000 - 1300	1100-1400	1100-1400	1100-1400
	TD			2200 - 2500	2200 - 2500	2400-2700	2400-2700	2400-2700
Elongation	MD	%	D-882	130 - 180	130 - 180	130 - 180	130 - 180	130 - 180
	TD			30 - 80	30 - 70	30 - 80	30 - 70	30 - 70
<b>Thermal Data</b>								
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5
	TD			1 - 3	1 - 3	1 - 3	1 - 3	1 - 3

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.