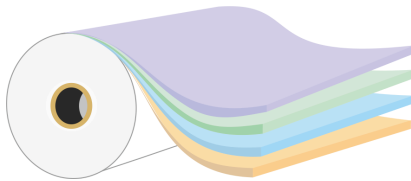


# Printing & Pouching Film Thin Metallised, Non Heat Sealable

## PCT-1(MO)

### Structure



- Aluminium layer
- Modified treated, OPP layer
- OPP core
- Un-treated, OPP layer

### Description

It is a co-extruded, plain and one side metallised and other side untreated Bi-axially Oriented Polypropylene film.

### Features

- Good Metal Anchorage
- Good Gloss
- Good Oxygen & moisture barrier

### Applications

- For decorative lamination with paper

### Typical values

Properties	Ref.	Units	ASTM#/ Test Method	PCT-1(MO)			
<b>Physical Data</b>							
Average Thickness		Micron	D-374-C	8	9	10	15
		Gauge		32	36	40	60
		Mils		0.3	0.4	0.4	6
Thickness Variation		%(±)		3			
Density		g/cc		0.905			
Average substance		g/m <sup>2</sup>		7.2	8.1	9.0	13.5
Kinetic COF	UT-UT		D-1894	0.25-0.40			
Yield		m <sup>2</sup> /Kg	D-4321	138.9	123.5	111.1	74.1
		in <sup>2</sup> /lb		97649	86799	78119	52079
<b>Optical Data</b>							
Optical Density			CTM	1.4-1.8			
<b>Mechanical Data</b>							
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	1100-1300			
	TD			2400-2700			
Elongation	MD	%	D-882	130-180			
	TD			30-80			
<b>Thermal Data</b>							
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.5-5.5			
	TD			1.0-3.0			
<b>Barrier Data</b>							
MVTR (38°C, 90% RH)		g/m <sup>2</sup> /day	F-1249	<1.5			
MVTR (100 °F,90%RH)		g/100 in <sup>2</sup> /day	F-1249	<0.09			
OTR (23°C, 0% RH)		cc/m <sup>2</sup> /day	D-3985	<125			
OTR (73°F, 0% RH)		cc/100 in <sup>2</sup> /day	D-3985	<8.0			

CTM : Cosmo Test Method

MD : Machine Direction

TD : Transverse Direction

UT: Un-Treated

**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 metallized 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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