

# Thermal Lamination Film BOPP Matte

## PCT-2(MDL)

### Description

It is BOPP based, one side matte and both side treated thermal laminating film. Film has extrusion coated surface with low temp. melting resin, which enables the lamination of film to paper products by heat and pressure.

### Features

- Aesthetic matte finish
- Excellent resistance to elongation & tear
- Yellow tint free appearance of roll
- Fibre-tear bond strength with paper
- Excellent bursting during laminated sheet separation
- Matte surface suitable for further finishing like UV spot coating, embossing & hot foil stamping

### Applications

- Thermal lamination with all kinds of printed & unprinted paper and paper boards like book covers, posters, magazines, diaries, brochures, manuals, folders, magazines, photo albums etc.

### Special Instructions

- Cosmo thermal Matte film can be laminated with the temperature range of 100 to 120 deg C. However the optimum conditions may be selected based on the lamination speed (Dwell time) and dimensional stability.
- Please make sure that the printed surface is well dried before lamination.
- Strongly recommend to handle with care and cleanliness as it may spoil it's look by rough handling, dust contamination and scratches.
- It is advisable to cool sufficiently one surface before proceeding the lamination to other surface.

### Typical Values

Properties	Units	ASTM # / Test Method	20 PCT-2 (MDL)	22 PCT-2(MDL)	27 PCT-2(MDL)	33 PCT-2(MDL)
Unit Weight	g/m <sup>2</sup>		17.5	19.3	21	28.8
Yield	m <sup>2</sup> /kg	D - 4321	57.1	51.8	47.6	34.7
	in <sup>2</sup> /lb		40145	36419	33466	24396
Surface Tension (min.)- Ex-coated side un-coated side	dynes/cm	D - 2578	40 40	40 40	42 40	42 40
Gloss (45°) - Matte side			gardner	D - 2457	< 10	
Lamination Temp.	°C	D - 1204	100 - 120			
	°F		212 - 248			

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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.

### Cosmo Films Limited

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