

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 Instruction

- 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 its 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	Ref.	Units	ASTM#/ Test Method	PCT-2(MDL)				
Physical Data								
Average Thickness		Micron		18	20	22	27	33
Average substance		g/m ²		16.5	17.5	19.3	21.0	28.8
Yield		m ² /kg	D-4321	60.61	57.1	51.8	47.6	34.7
		in ² /lb		42613	40145	36419	33466	24396
Surface Tension(min)	Matte Side	dynes/cm	D-2578	40	40	40	40	40
	Ex-coated Side			40	40	40	40	42
Thickness Variation		%(±)		5				
Optical Data								
Gloss (45°)	Matte	Gardner	D-2457	< 10				
Thermal Data								
Lamination Temperature		°C	D-1204	100-120				
		°F		212-248				

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 : Please note that 18, 20 & 22 mic thermal Matte film is not suitable for folding & creasing applications.