

# Thermal Lamination Film BOPP Scuff Free Matte Digital

## PCT-2 (MDL) SF DIGITAL

### Description

It is BOPP based, one side scuff free matte coated and other side extrusion coated, 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

Excellent scuff/scratch resistance  
Natural matte finish  
Suitable for UV-coating, embossing and hot foil stamping  
Fibre-tear bond strength with paper

### Applications

- Thermal lamination with all kinds of printed, unprinted papers, cosmetics & liquor cartons, coffee table books, magazines, brochures, manuals, shopping bags, wedding cards, gift boxes, diaries and specifically recommended for luxury packaging.

### Special Instructions

- Cosmo thermal scuff resistant 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	1.4 mils / 36 mic
Unit Weight	g/m <sup>2</sup>		26.8
Yield	m <sup>2</sup> /kg	D - 4321	37.31
	in <sup>2</sup> /lb		26231
Surface Tension (min.)- Ex-coated side Matte Side	dynes/cm	D - 2578	42
			44
Gloss (45°) Matte Side	gardner	D - 2457	<10
Lamination Temp.	°C / °F	D - 1204	100 - 120 / 212 - 248
Lamination speed	(m/min) / (feet/min)	D - 1204	1-10 / 3 - 33
Lamination bond strength with digital Konica Minolta Bizhub Press 1085 Prints	g/25mm	D-882	> 350

Updated as on Oct 2025

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

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