

Thermal Lamination Film PET Gloss

PCT-2 (PDL)

Description

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

Features

- Excellent optical properties
- Fibre-tear bond strength with paper
- Excellent tear resistance

Applications

- Thermal lamination with all kinds of printed & unprinted paper and paper boards like maps, menu cards, certificates, mark sheets, folders, photo albums, posters, magazines, brochures etc.

Special Instructions

- Cosmo PET based thermal gloss film can be laminated with the temperature range of 110 to 135 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	1.0 mils/25 mic	1.2 mils/30 mic	1.5 mils/37 mic	1.7 mils/43 mic	3.0 mils/75 mic	5.0mils/125mic	10 mils/250mic
Unit Weight	g/m ²		27.2	31	38.5	44.1	73.60	122.30	248.0
Yield	m ² /kg	D - 4321	36.76	32.25	25.97	22.67	13.59	8.18	4.03
	in ² /lb		25844	22674	18258	15938	9554	5751	2833
Surface Tension (min.)- Ex-coated side	dynes/cm	D - 2578	38	38	38	40	44	44	44
Gloss 45° (min.) - Un-coated side	gardner	D - 2457	>80						
Lamination Temp.	°C / °F	D - 1204	118 - 135 / 244 - 275						

Disclaimer : The information provided above is based on COSMO FILMS 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.

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Cosmo Films

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