

# Thermal Lamination Film PET Gloss

## Description

It is PET based, both side corona treated and 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 118 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	27 PCT-2 (PDL)	30 PCT-2 (PDL)	37 PCT-2 (PDL)	75 PCT-2 (PDL)	125 PCT-2 (PDL)	250 PCT-2 (PDL)
Unit Weight	g/m <sup>2</sup>		29.9	31.0	39.0	73.60	122.30	248.0
Yield	m <sup>2</sup> /kg	D - 4321	33.44	32.26	25.64	13.59	8.18	4.03
Surface Tension (min.)- Ex-coated side	dynes/cm	D - 2578	40	40	40	44	44	44
Gloss 45° (min.) - Un-coated side	gardner	D - 2457	80					
Lamination Temp.	°C	D - 1204	118 - 135					

**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.

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