

Thermal Lamination Film PET High Gloss, Glueable, Stampable

PCT-2 (PDL) GS

Description

It is one side chemically coated PET based, and both sides treated thermal laminating films. Film has extrusion coated surface on non-chemically coated PET side .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 115 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 | Ref. | Units | ASTM # / Test Method | 1.2 PCT-2 (PDL) GS 30 mic |
|------------------------|----------------|---------------------|----------------------|---------------------------|
| Unit Weight | | g/m ² | | 31.80 |
| Yield | | m ² /kg | D - 4321 | 31.44 |
| | | in ² /lb | | 22104 |
| Thickness Variation | | (%±) | | 5 |
| Surface Tension (min.) | Ex-coated side | dynes/cm | D - 2578 | 40 |
| Gloss 45° (min.) | Glossy side | gardner | D - 2457 | >80 |
| Lamination Temp. | | °C / °F | D - 1204 | 115 - 135 / 230 - 275 |

Updated as on March - 2025

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.

Cosmo Films

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