

Thermal Insulation Lamination Film

BOPP Metalized

Description

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

Features

- Excellent optical properties.
- Excellent resistance to elongation & tear
- Yellow tint free appearance of roll
- Adequate bond with expanded polystyrene (EPS) sheet
- Excellent moisture barrier

Applications

- Thermal lamination with expanded polystyrene (EPS) sheet for roof-top insulation

Special Instructions

- Cosmo thermal Metallised film can be laminated with the temperature range of 115 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	22 PCT-1 (DL) M0
Unit Weight	g/m ²		20
Yield	m ² /kg	D - 4321	50
Surface Tension (min.)- Ex-coated side	dynes/cm	D - 2578	38
Lamination Temp.	°C	D - 1204	115 - 120

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.