

Thermal Insulation Lamination Film BOPP Metalized

PCT-1(DL) MO

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 Instruction

- Cosmo thermal Metallised 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	Ref.	Units	ASTM#/ Test Method	PCT-1(DL) MO
Physical Data				
Average Thickness		Micron		22
Average substance		g/m ²		20
Yield		m ² /kg		50
Surface Tension(min)	Ex-coated Side	dynes/cm	D-2578	38
Thickness Variation		%(±)		5
Thermal Data				
Lamination Temperature		°C	D-1204	100 - 120
		°F		212 - 248

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.

Storage condition : Storage temperature to be maintained 25 Deg.C (+/-5 Deg C) & relative humidity 55% (+/-5%) to avoid accelerated reduction of surface treatment level.