COSMO FILMS
Engineered to Enhance

Technical Data Sheet

Thermal Lamination Film PET Silver

PCT-2(PDL) MO

Description

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

Features

- Excellent aesthetic appeal (AL Foil look)
- Suitable for postpress operation like embossing and spot coating
- Fibre-tear bond strength with paper
- Excellent resistance to elongation & tear
- Excellent treatment retention on non metallised side

Applications

- For thermal lamination on cartons of cosmetics, perfume, wine etc.

Special Instruction

- Cosmo PET based thermal metallised film can be laminated with the temperature range of 110 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-2(PDL) MO
Physical Data				
Average Thickness		Micron	D-374-C	22
Average substance		g/m²		25.5
Yield		m²/Kg	D-4321	39.2
		in²/lb		27571
Surface Tension(min)	Ex-coated Side	dynes/cm	D-2578	38
	Uncoated Side			38
Thickness Variation		%(±)		5
Thermal Data				
Lamination Temperature		°C	D-1204	110 - 120
		°F		230 - 248

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction

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.

Note :

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Updation Date : 2023-May-23