

Velvet Touch Thermal Matte Film (BOPP Based)

PCT-2(DL) VT-MAT

Description

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

Features

- Velvet feel
- Natural look lamination
- Good hot stamping & UV lacquer adhesion
- Fibre-tear bond strength with paper
- Improved scuff resistance

Applications

- Thermal lamination with all kinds of printed, unprinted paper and paper boards like book covers, posters, magazines, diaries etc. This film is specifically recommended for premium laminating of user's manuals, novels, magazines, brochures etc.

Special Instruction

- Cosmo BOPP based velvet touch thermal matte film can be laminated with the temperature range of 100 to 120 deg C. It is recommended, around 10 to 20 deg C higher lamination temperature than standard matte film due to higher thermal resistance of velvet surface .
- Similarly the lamination speed should be reduced by 30 to 40 % relative to standard matte film.
- 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.
- It is recommended to do the post lamination operation after 24 hrs.

Typical values

Properties	Ref.	Units	ASTM# / Test Method	PCT-2(DL) VT-MAT
Physical Data				
Average Thickness		Micron		32
Average substance		g/m ³		26.4
Yield		m ² /kg	D-4321	37.87
		in ² /lb		26625
Surface Tension(min)	Matte Side	dynes/cm	D-2578	50
	Ex-coated Side			38
Thickness Variation		%(±)		5
Optical Data				
Gloss (45°)	Matte	Gardner	D-2457	5-6
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.

Cosmo Films Limited

1st Floor, Uppal's Plaza, M-6 Jasola District Centre, New Delhi - 110025, India, T: + 91-11-49 49 49 49,

E-mail: sales.enquiry@cosmofilms.com | www.cosmofilms.com

Create Date : 2022-Aug-25