

Silky BOPP Thermal Laminating Film

Product Description

This is a BOPP Matte film which is specially coated with a soft tactile coating which makes it feel like velvet or silk. This gentle soft feel still provides a superior scratch-resistant finish. That with its uniformed color gives your print a graceful and elegant effect while preserving image color. The matte finish creates a luxurious appearance to attract the buyers' attention and increase the perceived value of the product. The product has excellent resistance to tear & elongation, primarily used in the printing industry. The film accepts UV spot varnishing, foil stamping as well as screen printing.

Features and Benefits

1. Environmental safety: This product is non-toxic, tasteless, non-benzene. Do not produce any gases or dangerous substances during the lamination process, without the use of solvents, without generating toxic gases or other volatile substances which could be harmful.
2. Excellent performance: The Matte surface minimizes glare while preserving image color, strong adhesive bond strength, and good offset spray coverage. Good initial green tack allows post finishing activities to take place after lamination based upon drying time of the inks.
3. High efficiency energy-saving: Constant adhesive layer enable a quick turnaround of the job, quicker set up time, lower energy consumption, less waste and ease of process.

Application

1. Books cover such as: Paper backs, hard bound books, magazines, flyers, paper bags, map, promotional materials, etc.
2. Various types of packaging materials such as: Flute boxes, cosmetic boxes, pharmaceutical, gift boxes etc.
3. Advertising such as: POS, boards, documents, photo albums etc.

Product Structure

Surface Layer: Silky BOPP Film Substrate.

Inner Layer: Hot Melt Adhesive.

Typical Properties

Thickness, μm	35
BOPP Thickness, μm	19
Adhesive Thickness, μm	16
Yield, m^2/kg	30.5
Wetting Tension, mN/m	
Silky surface	≥ 36
Adhesive surface	≥ 40
Gloss (45°), %	≤ 8
Haze, %	≥ 80
C.O.F. out/out	≤ 1.0
Heat Shrinkage(30s@ 120°C), %	
MD	≤ 3.0
TD	≤ 1.5
Tensile Strength, MPa	
MD	≥ 50
TD	≥ 90
Elongation at Break, %	
MD	≤ 210
TD	≤ 70

Application Technology

Laminating equipment: dry, wet laminating machine

Temperature: 95-120°C

Pressure: 8-18MPa

Speed: 10-70m/min

Adjust the processing parameter according to the production job requirement.

Shelf Life

12 months.



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