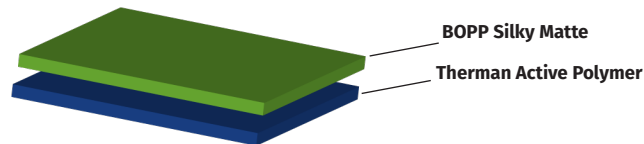


BOPP Silky Matte Thermal Laminating Film



This is a BOPP Silky Matte film, which is specially coated with a soft tactile coating that makes it feel like silky velvet. This gentle soft feel still provides a superior scratch-resistant finish. And creates a luxurious appearance to attract attention and increase value of the product.

It is food compliant and its thermal active polymer is specifically designed to improve the bond-strength with digitally printed surfaces. Compared to ordinary BOPP thermal laminating film, the peel strength is greatly improved and has a better grasping ink effect. The BOPP silky matte thermal film is suitable for fin-seal applications. It is not intended for lap-sealing application purposes.

Features	Benefits
Environmental safety	It is non-toxic, tasteless, non-benzene and does not produce gases or dangerous substances during lamination.
Excellent performance	The silky-matte surface minimizes glare while preserving image color. It has strong adhesive force on digitally printed surfaces and effectively prevent ink flaking and stripping after die-cutting and other finishing demands.
High efficiency	No need of drying and curing after laminating, immediate time to market.
Energy- saving	Laminating temperature is lower than other thermal film, improve efficiency, save cost.
Food Compliance	The product has obtained regulatory approval to (EU) No 10/2011 of January 2011.

BOPP Silky Matte Thermal Laminating Film



Property	Expected Value	Unit of Measure	Reference Method
Thickness	35	µm	GB/T6672
BOPP Thickness	15	µm	GB/T6672
Adhesive Thickness	4 + 16	µm	GB/T6672
Yield	30.5	m ² /kg	
Wetting Tension - Silky Surface	≥36	mN/m	GB/T14216
Wetting Tension - Adhesive Surface	≥40	mN/m	GB/T14216
Haze	≥80	%	ASTM D1003
C.O.F.	≤1.0	out/out	
Heat Shrinkage (30s@ 120°C) MD	≤3.0	%	Q/CPKDX0001 (120°C 30S)
Heat Shrinkage (30s@ 120°C) TD	≤1.5	%	Q/CPKDX0001 (120°C 30S)
Tensile Strength, MPa MD	≥50	%	D-882
Tensile Strength, MPa TD	≥90	%	D-882
Elongation at Break MD	≤210	%	D-882
Elongation at Break TD	≤70	%	D-882
Laminating equipment	Thermal laminator	Adjust the processing parameter according to the production job requirement.	NA
Temperature	95-120°C	°C	

Film Storage: To maintain the high quality of this product during storage, it is recommended that this film be stored in its original wrapping, tucked inside the core, and away from any source of local heating or direct sunlight. Recommended conditions of storage are: Temperature: 15°-24° C. Relative Humidity: 35-55%.

RoHS: Based on information obtained from our component suppliers, this certifies that All S-OneLP products are “RoHS” compliant and do not exceed the specific migration levels of heavy metals. Nor are other substances intentionally added, such as: Phthalates, Lead, Cadmium, Mercury, Hexavalent Chromium, Sum of PBBs, Sum of PBDEs, Halogen, Soluble Heavy Metal Contents, and Substances in the Candidate List of SVHC.

REACH: Based on information obtained from our component suppliers, this document also certifies that S-OneLP products are REACH compliant concerning the Registration, Evaluation, Authorization, and Restriction of Chemicals. The materials provided are latex free.

The information on this data sheet has been established by company-based laboratory testing. This information does not imply warranty by S-One Labels & Packaging LLC for product specifications, tolerances, or function in the end use. It is the customer’s responsibility to perform tests to determine the product’s fitness for use for a particular purpose prior to using the product. This document is confidential and may be legally privileged. If you are not an intended recipient or an authorized representative of an intended recipient, you are prohibited from using, copying or distributing the information in this document