

THERMAL LAMINATION FILM 毅科预漁熊

广东毅科新材料有限公司

Guangdong EKO Film Manufacture Co.,Ltd

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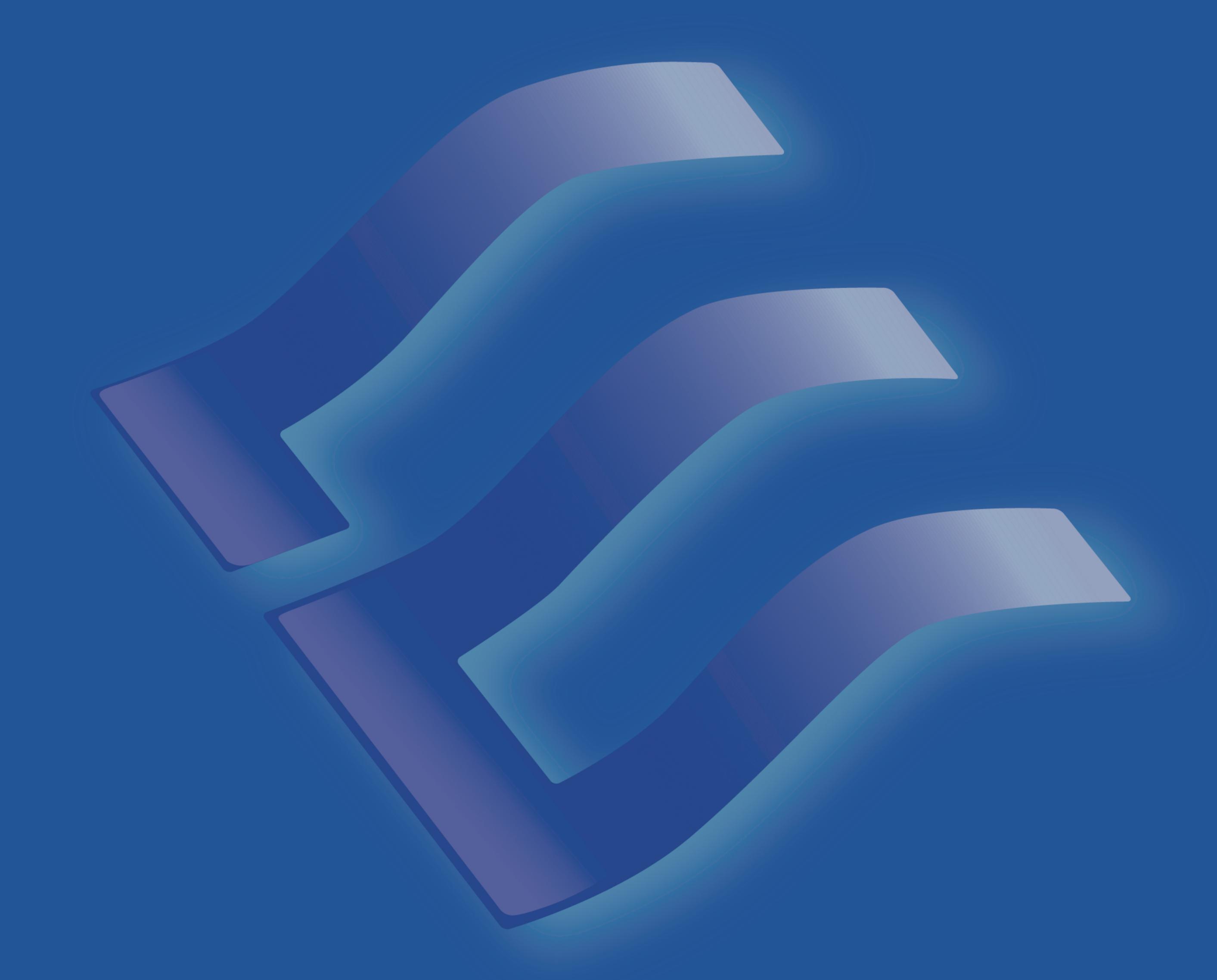
Wechat





Website

中文网站



www.fseko.com www.laminatingchina.com





广东毅科新材料有限公司是中国佛山一家在印刷行业处于领先地位的材料制造商。公司于 2007 年成立, 迄今已有逾18年的行业经验积累。

作为国家高新技术企业和EVA型预涂膜行业标准制定单位,我们致力于产品的持续改进、性能优化以及新品的开发。历经多年努力,我们获得了 20 多项专利,其中包含1项美国专利。

我们专注于印刷行业产品的研发、生产和销售,并提供印刷品解决方案,诸如用于重油墨数码印刷品的数码超粘预涂膜、可回收的环保的替塑预涂膜和 DTF 纸、用于小批量个性化定制的数码烫印膜等。我们一直在进步,我们的生产过程拥有齐全的设施和全面的质量控制流程,产品通过了 RoHS 和 REACH 认证,有力确保符合国际标准和客户期望。经过18年的发展,公司组建了一支优秀的研发、技术、销售、生产、质检和物流团队,确保从产品设计到项目实施均能提供专业、高质量的服务。感恩、价值、共进、分享是我们的理念,"双赢"是我们的经营方针,我们将进一步完善企业质量管理体系,为客户提供更优质的产品和服务。

Guangdong Eko Film Manufacture Co., Ltd. is a leading material manufacturer in printing industry based in Foshan, China, with 18 years of experience since our establishment in 2007.

As a national high-tech manufacturer, we dedicated to continuous product improvement, performance optimization, and the development of new products. After years of efforts, we have obtained more than 20 patents, including one US patent.

We focus on the research and development, production, and sales of products in printing industry and provide solutions, such as digital thermal lamination film for thick ink digital printing, non-plastic thermal lamination film and DTF paper for recyclable and eco-friendly, digital hot stamping foil for unique designs in small batches.

Our production process with well-equipped facilities and all-round quality control process, the products are RoHS and REACH certified to ensure they meet international standards and customer expectations. After 17 years of development, the company has built an excellent team of R&D, technical, sales, production, quality inspection and logistics, which ensure that we could provide professional and high-quality services from product design to project implementation.

At Eko, our philosophy revolves around gratitude, value, co-progress, and sharing, with a business policy focused on "win-win" outcomes. We are committed to enhancing our enterprise quality management system to deliver superior products and services to our customers.





主营产品 Main products

通用型BOPP预涂膜 Bopp Thermal Lamination Film

通用型镭射膜 Holographic Film

通用型PET预涂膜Pet Thermal Lamination Film

通用型镀铝膜 Pet Metalized Film DTF系列 DTF Series DTF Film/DTF Paper

一 喷绘预涂膜系列 Thermal Lamination Film For Inkjet Printing Series

Thermal Lamination Film For Inkjet Printing
Embossable Thermal Lamination Film For Inkjet Printing
Embossed Thermal Lamination Film For Inkjet Printing

数码预涂膜系列
Digital Thermal Lamination
Film Series

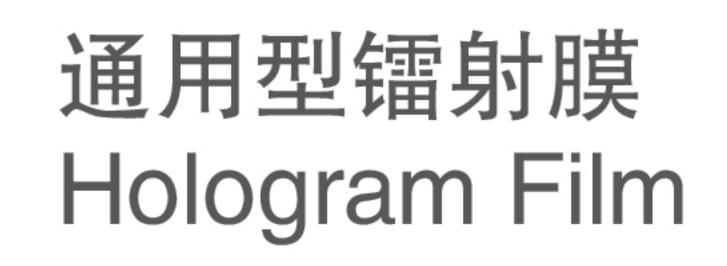
Digital Super Sticky Thermal Lamination Film Digital Non-Plastic Thermal Lamination Film Digital Soft Touch Thermal Lamination Film Digital Anti-Srcatch Thermal Lamination Film

数码烫印膜系列 Digital Hot Sleeking Foil Series

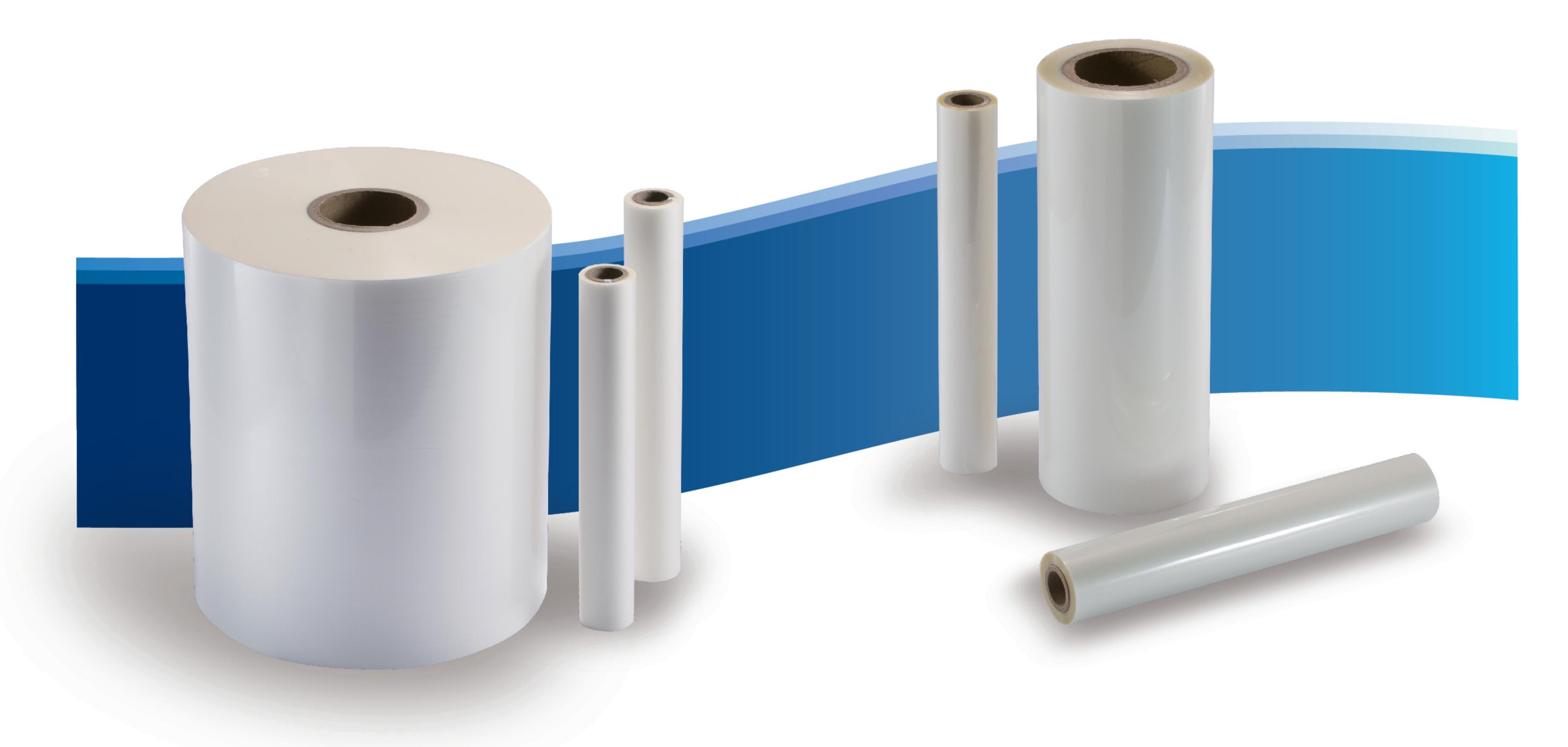


通用型BOPP预涂膜 Bopp Thermal Lamination Film

通用型PET预涂膜 Pet Thermal Lamination Film



通用型镀铝膜 Pet Metalized Film





产品简介:

BOPP 预涂膜是环保热覆膜产品。覆膜后的印刷品色彩、 图案自然呈现,且该膜稳定性好,不受温湿度影响,能让 印刷品长期美观。它广泛应用于书籍封面、宣传画册等, 可增光泽、耐用性,延长使用寿命。

Introduction:

The BOPP thermal lamination film is an environmentally–friendly thermal–laminating product. After lamination, the colors and patterns of printings are presented naturally. Moreover, this film has good stability and is not affected by temperature and humidity, enabling printings to remain beautiful for a long time. It is widely used in book covers, promotional brochures, etc., and can enhance glossiness and durability and prolong service life.

种类 (Items):

基膜 BOPP Film

触感预涂膜 Soft Touch Thermal Lamination Film 防刮预涂膜 Anti-Srcatch Thermal Lamination Film

产品尺寸 (Specification)

厚度 (Thickness): 17-27mic 宽度 (Width): 200mm-1920mm 长度 (Length): 200m-4000m

产品简介:

PET预涂膜,具备高光、耐高温特性,表面耐磨且挺度优良。在覆膜时可避免卷曲,并且支持表面 UV 油上光、丝印等处理。

除了卷材外,还有片材护卡膜可供选择。丰富多样的厚度及尺寸,能满足不同的护卡需求。

Introduction:

The PET thermal lamination film has the characteristics of high gloss and high temperature resistance. Its surface is wear resistant and has excellent stiffness. It can avoid curling during lamination and supports treatments such as surface UV coating and screen printing.

In addition to the roll film, thermal lamintion pouch film is also available. A rich variety of thicknesses and sizes can meet different requirements. humidity, enabling printings to remain beautiful for a long time. It is widely used in book covers, promotional brochures, etc., and can enhance glossiness and durability and prolong service life.

产品尺寸 (Specification)

厚度 (Thickness): 21-75mic 宽度 (Width): 200mm-1920mm 长度 (Length): 200m-4000m

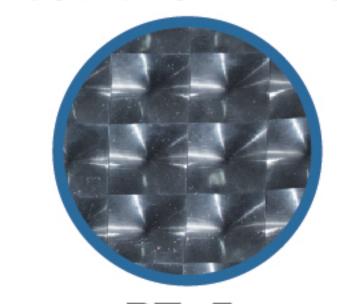
产品简介:

镭射膜是一种具有特殊光学效果的薄膜,其表面有一层能够产生镭射效果的涂层,这种涂层可以对光线进行反射、折射和干涉,从而呈现出绚丽多彩、具有立体感的镭射图案,既美观又防伪。

Introduction:

The hologram film is a kind of film with special optical effects. There is a coating on its surface that can produce holographic effects. This coating can reflect, refract and interfere with light rays, thus presenting colorful and three–dimensional holographic patterns, which are both beautiful and anti–counterfeiting.

种类 (Items):





BH-1

产品尺寸 (Specification)

厚度 (Thickness): 40mic (BT-5), 30mic (BH-1)

宽度 (Width): 200mm-1300mm, 长度 (Length): 200m-3000m

产品简介:

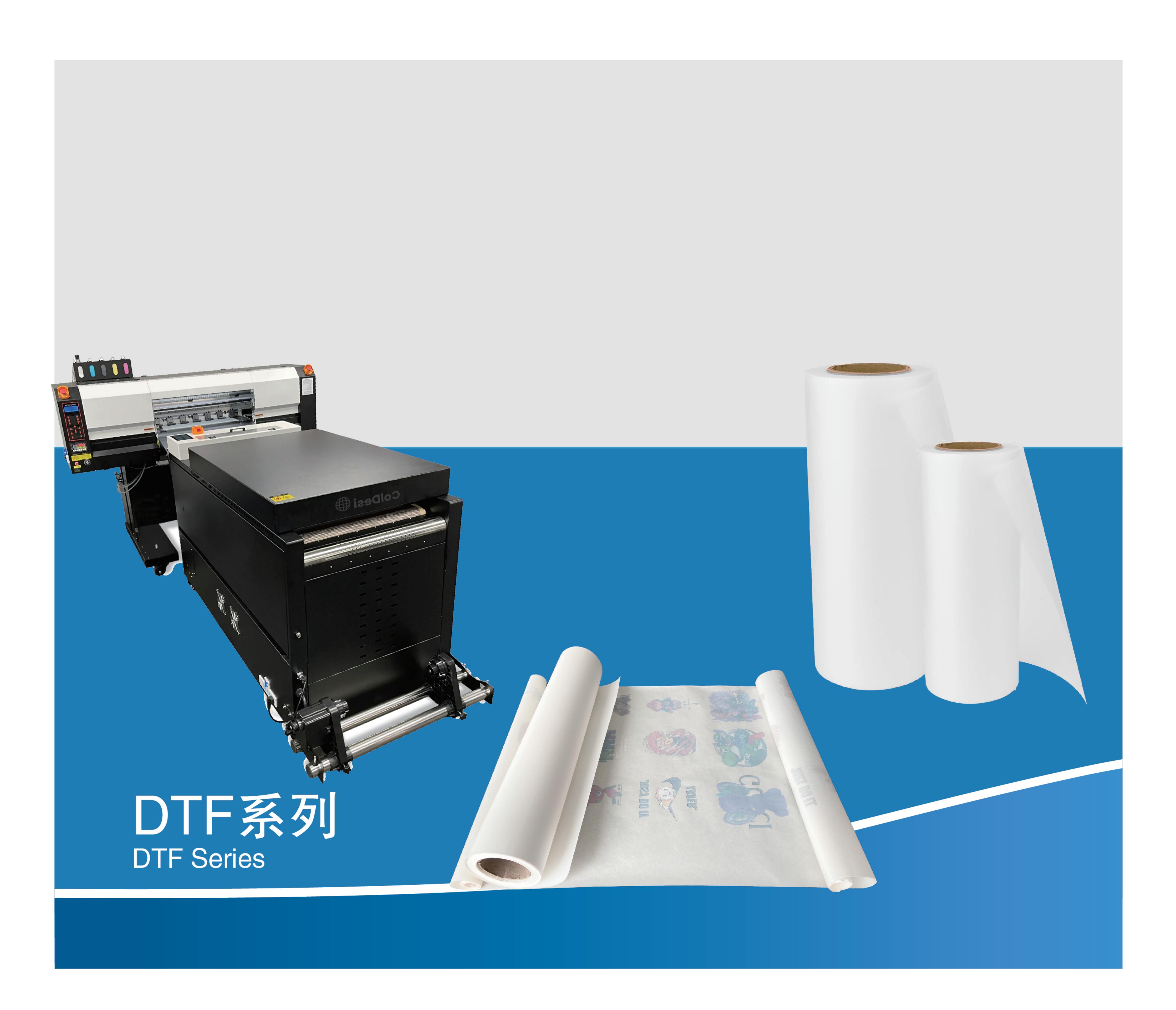
PET 镀铝预涂膜是在 PET 薄膜的基础上进行镀铝处理, 使其具有金属光泽。其良好的阻隔性能够有效阻挡水分、 氧气和光线的侵入,保护包装内的物品不受潮、不变质、 不褪色。适用于食品、药品包装等要求较高的领域。

Introduction:

The PET metalized film undergoes aluminizing treatment based on the PET film, giving it a metallic luster. Its good barrier properties can effectively prevent the invasion of moisture, oxygen, and light, protecting the items inside the packaging from getting damp, deteriorating, and fading. It is applicable to fields with high requirements such as food and drug packaging.

产品尺寸 (Specification)

厚度 (Thickness): 21mic 宽度 (Width): 310mm-1500mm, 长度 (Length): 200m-3000m



DTF Film

产品简介:

DTF 膜是一种在数码转印领域广泛应用的材料。它对墨水的兼容性出色,能够实现高质量的图 案打印,色彩鲜艳且清晰度高。在转印过程中,它能将精美的图案牢固地附着在承印物上,转 烫后的图案手感柔软,拉伸回弹性强不变形。

Introduction:

DTF film is a material widely used in the field of digital transfer printing. It has excellent compatibility with ink and can achieve high quality pattern printing with vivid colors and high clarity. During the transfer process, it can firmly attach beautiful patterns onto the substrate. The patterns after transfer and heat pressing have a soft hand feel, strong tensile and rebound elasticity, and do not deform.

产品尺寸 (Specification)

厚度(Thickness): 75mic 宽度(Width): 300mm, 600mm 长度(Length): 100m~300m Size can be customized

DTF织 DTF Paper

产品简介:

DTF纸与DTF膜一样都是用于数码转印领域的,但DTF纸是无塑的环保的选择,使用时无需更 换DTF打印设备,且其吸墨性与DTF膜一样优秀。在当今注重环保的时代,DTF纸的可回收性 使其成为一种更加可持续的选择,能助力绿色印刷和环保产业发展。

Introduction:

Both DTF paper and DTF film are used in the field of digital transfer printing. However, DTF paper is a plastic - free and environmentally-friendly option. There is no need to replace the DTF printing equipment when using it, and its ink absorption property is as excellent as that of DTF film. In today's era with an emphasis on environmental protection, the recyclability of DTF paper makes it a more sustainable choice and can contribute to the development of green printing and environmental protection industries.

产品尺寸 (Specification)

厚度(Thickness): 70g/m² 宽度(Width): 300mm-600mm 长度 (Length): 100m~300m

Size can be customized



喷绘预涂膜系列

Thermal Lamination Film For Inkjet Printing Series





喷绘预涂膜

Thermal Lamination Film For Inkjet Printing

产品简介:

喷绘专用膜是一款专为数码广告行业潜心研发打造的创新性产品。它成功攻克解决了普通覆膜产品难以适配数码广告喷绘设备打印材料的难题,在确保粘力的同时,还保证喷绘打印效果的精彩呈现。并且取替冷裱膜,为客户节省更多的覆合成本。另外,此款产品还可以广泛地应用于食品软包装覆膜领域

Introduction:

The thermal lamination film for inkjet printing is an innovative product meticulously developed for the digital advertising industry. It successfully addresses the challenge of ordinary lamination products being difficult to adapt to the printing materials used in digital advertising inkjet equipment. While ensuring strong adhesion, it also guarantees the stunning presentation of inkjet printing effects.

In addition, it can also be widely used in the field of food flexible packaging lamination.

产品尺寸 (Specification)

厚度 (Thickness): 20mic 宽度 (Width): 200mm-1890mm 长度 (Length): 200m~4000m ■



可压纹喷绘预涂膜 Embossable Thermal Lamination Film For Inkjet Printing

产品简介:

可压纹喷绘预涂膜的表面可做压纹处理,覆膜后,可根据不同需求使用压纹机压上特定的纹路。此款预涂膜不仅能适应广告喷绘印刷品的覆膜,还能为装饰性需求及功能性需求提供解决方案。

Introduction:

The surface of embossable thermal lamination film for inkjet printing can be embossed. After lamination, specific patterns can be embossed using an embossing machine according to different requirements. This film can not only be used for laminating advertising spray painting printings, but also provide solutions for decorative and functional requirements.

产品尺寸 (Specification)

厚度(Thickness): 35mic 宽度(Width): 200mm-1890mm 长度(Length): 200m~4000m

压纹喷绘预涂膜 Embossed Thermal Lamination Film For Inkjet Printing

产品简介:

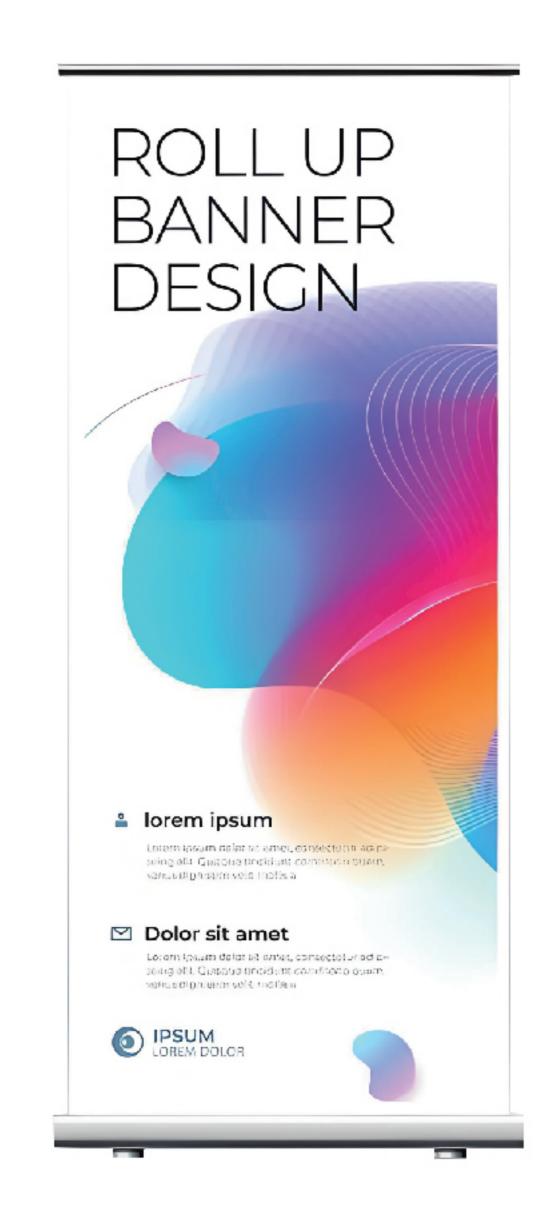
压纹喷绘预涂膜与可压纹喷绘预涂膜主要区别是压纹喷绘 预涂膜在生产过程中就已经完成了压纹工序,覆膜后可省略自己压纹的工序,适合小批量覆膜需求。

Introduction:

The main difference between the embossed thermal lamination film for inkjet printing and the embossable one is that the embossed thermal lamination film for inkjet printing has completed the embossing process during production. After lamination, the self embossing process can be omitted, which is suitable for small batch lamination requirements.

产品尺寸 (Specification)

厚度 (Thickness): 38mic 宽度 (Width): 200mm-1890mm 长度 (Length): 200m~4000m







数码超粘预涂膜系列

Digital Super Sticky Thermal Lamination Film Series

数码超粘预涂膜 Digital Super Sticky Thermal Lamination Film

产品简介:

数码超粘预涂膜,为数码印刷而生。其超粘特性卓越,可 与数码印刷品紧密牢固贴合。无论是搬运时的颠簸震动, 还是长期存储的挤压摩擦,都不会轻易脱落。始终如一的 紧密结合,为数码印刷品提供可靠保护,是一款高性能的 覆膜产品。

Introduction:

Digital super sticky thermal lamination film is specially designed for the digital printing field. It has excellent super adhesive characteristics. It can closely and firmly adhere to digital printings. Whether it is bumping and vibrating during transportation or squeezing and friction during long-term storage, it will not easily fall off. The consistent close combination provides reliable protection for digital printed products. It is a high-performance laminating product.

产品尺寸 (Specification)

厚度 (Thickness): 17mic, 20mic, 23mic 宽度(Width): 200mm-1890mm 长度 (Length): 200m~4000m





数码替塑膜 Digital Non-Plastic Thermal Lamination Film

产品简介:

替塑预涂膜是一种环保型的预涂膜产品,旨在替代传统塑料预涂 膜,减少塑料使用,降低对环境的影响。该产品由一层BOPP基 膜及一层无塑预涂层组成,BOPP基膜在撕离后可重复使用,用 于制作其他塑料制品; 无塑预涂层为可生物降解的无塑材料, 覆 合在纸上后不需担心后续的降解问题,涂层可与纸张一同溶解。 数码替塑膜是专为数码印刷品研发的,其粘性更强,能解决数码 印刷品因厚油墨及重硅油而难以覆膜的问题.

Introduction:

Non-plastic thermal lamination film is an environmentally-friendly pre-coated film product, aiming to replace traditional plastic thermal lamination film, reduce plastic usage, and decrease the impact on the environment. This product consists of a layer of BOPP base film and a layer of plastic-free pre-coating. The BOPP base film can be reused after being peeled off and used to make other plastic products. The plastic-free coating is made of biodegradable plastic-free materials, and there is no need to worry about subsequent degradation problems after being laminated onto paper, as the coating can dissolve together with the paper.

The digital non-plastic thermal lamination film is developed specifically for digital printings. It has stronger adhesion and can solve the problem that digital printings are difficult to be laminated due to thick ink and heavy silicone oil.

产品尺寸 (Specification)

厚度(Thickness): 25mic 宽度(Width): 200mm-1890mm 长度 (Length): 200m~4000m



数码触感预涂膜 Digital Soft Touch Thermal _amination Film

产品简介:

数码触感预涂膜融合数码与触感预涂膜优点,细腻绒面触 感与超强粘力赋予数码产品非凡品质。其表面经特殊工艺 ,如丝绒柔软。手指轻触,细腻温暖,似高级天鹅绒。它 带来视觉享受,更在触觉上给予愉悦满足,为数码产品增 色不少。。

Introduction:

Digital soft touch thermal lamination film combines digital film and soft touch film advantages. With unique delicate suede touch and super strong adhesion, it offers extraordinary quality experience to digital printings. Its surface, processed by special technology, is soft like velvet. Finger touch brings delicate warmth. It provides visual enjoyment and tactile pleasure and satisfaction.

产品尺寸 (Specification)

厚度(Thickness): 28mic 宽度(Width): 200mm-1890mm 长度 (Length): 200m~4000m

数码防刮预涂膜 Digital Anti-Srcatch Thermal Lamination Film

产品简介:

数码触感预涂膜结合了数码预涂膜及触感预涂膜的优点, 以其独特的细腻、绒面触感以及超强粘力为数码产品带来 非凡的品质体验。这种预涂膜在表面处理上独具匠心,经 过特殊工艺加工,呈现出如丝绒般的柔软质地。当手指轻 轻触摸时,能感受到一种细腻而温暖的触感,仿佛触摸着 高级天鹅绒面料。它不仅给予使用者视觉上的享受,更在 触觉上带来愉悦和满足。

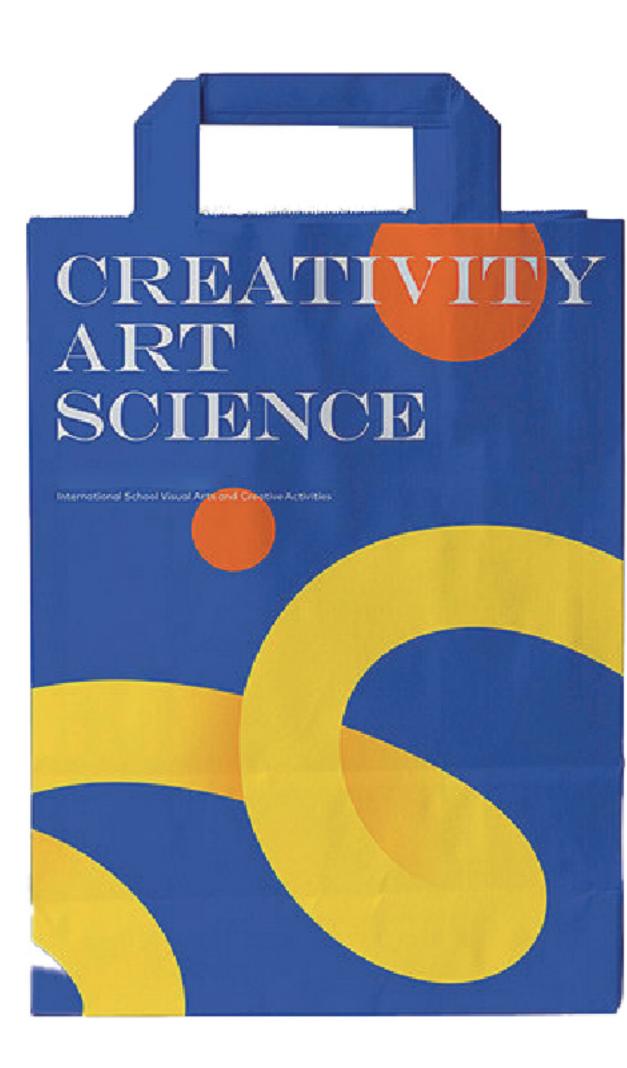
Introduction:

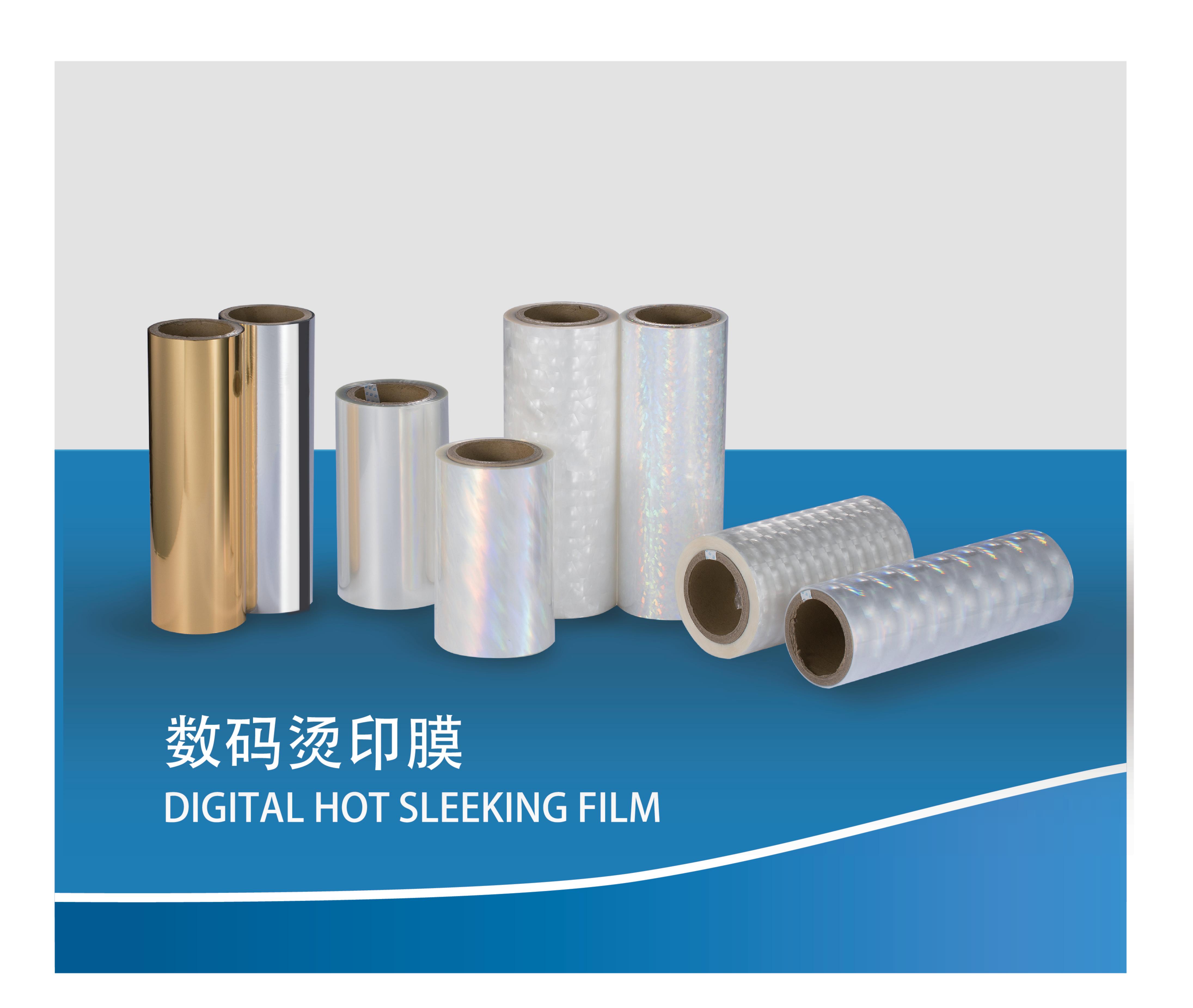
Digital anti-scratch thermal lamination film combines the advantages of digital thermal lamination film and anti-scratch thermal lamination film. It has excellent anti-scratch performance and super strong adhesion, and is a solid shield for protecting the surface of digital printed products. Whether in the process of transportation, storage, or daily use, it can provide reliable protection for printed products. For printings such as posters and promotional leaflets that are frequently transported and touched, anti-scratch thermal lamination film is an essential choice, which can keep the printed products in good appearance and extend their service life.

产品尺寸 (Specification)

厚度 (Thickness): 28mic 宽度(Width): 200mm-1890mm 长度 (Length): 200m~4000m







产品简介:

数码烫印膜是一种特殊的膜材料,能为印刷品增加独特的视觉效果。与传统烫印膜不同的是,数码烫印膜是加热后与碳粉或者UV起反应的,与印刷品一起经过热覆膜机后即可完成烫印,不需起版。

它能够轻松实现小批量、多样化的定制需求,且综合成本低,使用简单便捷,在数码印刷市场得到了广泛的应用。

Introduction:

Digital hot sleeking foil can add unique visual effects to printed matter.

Different from traditional hot stamping foil, digital hot sleeking foil reacts with toner or UV after heating. After passing through a thermal laminating machine together with printed matter, hot sleeking can be completed without mould.

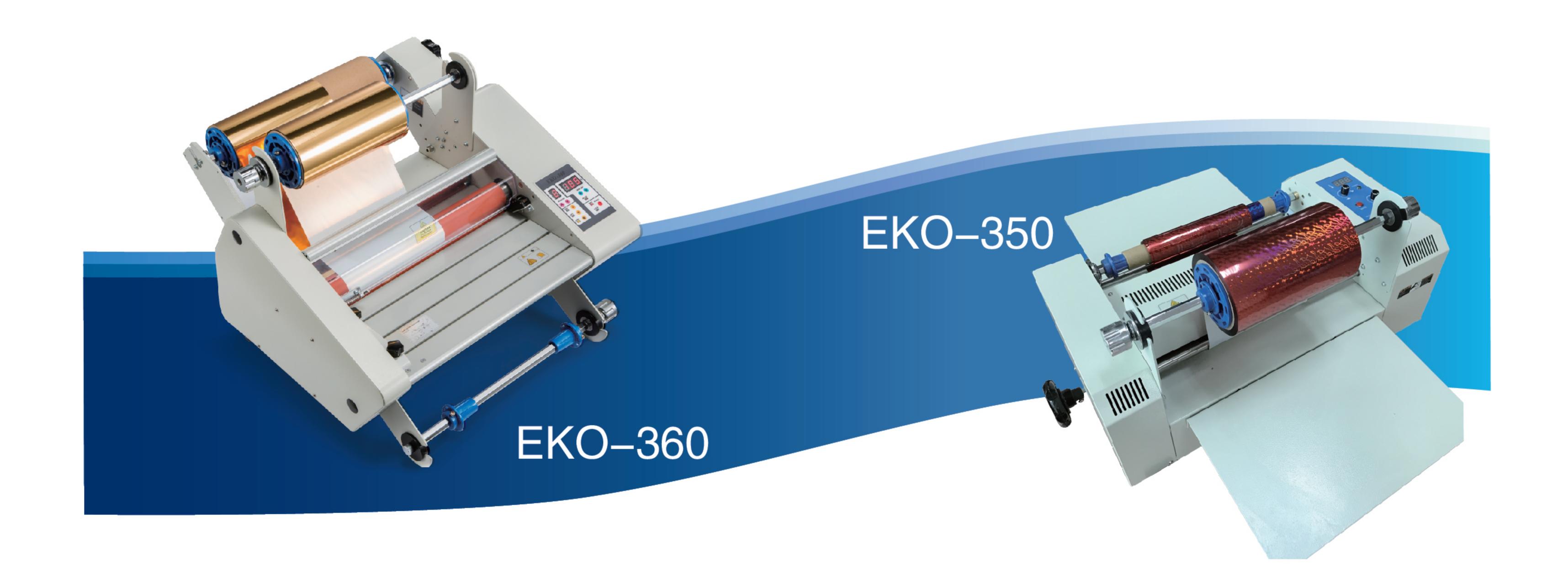
It can easily meet small-batch and diversified customization needs.

Moreover, it has low comprehensive cost and is user-friendly. It has been widely used in the digital printing market.

产品图案(Sleeking Items):

颜色/图案	型号	Colors/Patterns	Model No.
金	TDG-A	Gold	TDG-A
浅金	TDGL	Light Gold	TDGL
哑金	TDGM	Matt Gold	TDGM
古铜	TDCP	Copper	TDCP
银	TDS-A	Silver	TDS-A
哑银	TDSM	Matt Silver	TDSM
玫瑰	TDGR	Rose Gold	TDGR
哑粉	TDPKM	Matt Pink	TDPKM
哑紫	TDPLM	Matt Purple	TDPLM
红	TDRD-A	Red	TDRD-A
蓝	TDBU-A	Blue	TDBU-A
绿	TDGN-A	Green A	TDGN-A
黑	TDBK	Black	TDBK
咖啡	TDCF	Coffee	TDCF
金镭射	TDGS	Laser Gold	TDGS
斜光柱	TDGOZ	Gold Oblique Beam	TDGOZ
金墨点	TDGPD	Gold Polka Dot	TDGPD
金铂金拉丝	TDGPB	Gold Platinum Brushed	TDGPB
金流沙	TDGQ	Gold Quicksand	TDGQ
银光柱	TDSZ	Silver Beam	TDSZ
银玻璃	TDS-HB	Silver Wany Glass	TDS-HB





机器介绍(Instructions)

带有收卷和防卷曲功能,可选单双辊加热。

Hot Laminator with rewinding and anti-curl function.

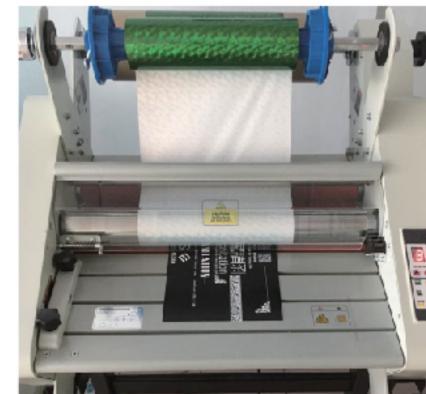
型号	EKO-350	EKO-360	型号	EKO-350	EKO-360
最大覆膜宽度	350mm	340mm	Maximum Laminating Width	350mm	340mm
最高覆膜温度	140°C		Maximum Laminating Temp.	140°C	
电压	AC110-240v, 50Hz		Voltage	AC110-240v, 50Hz	
功率	1190W	700W	Power	1190W	700W
加热辊类型	胶辊	钢棍	Heating Roller Type	Rubber Roller	Metal Roller
加热辊数量	4	2	Heating Roller Quantity	4	2
加热辊直径	38mm	45mm	Diameter of Heating Roller	38mm	45mm
单双面覆膜	单面覆膜	单面或双面覆膜	Single or Double Laminating	Single Laminating	Both single and
尺寸 (长*宽*高)	665mm*550mm*342mm	610mm*580mm*425mm	Dimension(L*W*H)	665mm*550mm*342mm	610mm*580mm*425mm
机器净重	28KG		Net Weight	28KG	33KG
包装尺寸	790mm*440mm*360mm	850mm*750mm*750mm	Package Dimension	790mm*440mm*360mm	850mm*750mm*750mm
毛重	37KG	73KG	Gross Weight	37KG	73KG
脚架	可选		Stand	Optional	

烫印膜和机器的使用方法 Method of hot sleeking film and machine application

● 方案一 (OPTION 1):



准备一张碳粉打印的普通铜版纸
Print the paper with digital toner printing.



使用EKO-360烫印 Hot sleeking the paper with EKO-360.



完成烫印 Finished sleeking, perfect apperance.

● 方案二 (OPTION 2):



铜版纸进行数码打印 Print the paper with digital toner printing.



使用EKO-360烫印 Hot sleeking foil on the paper with EKO-360.



用数码打印机重新打印阴影位置 Print the special design again.



使用镭射烫印膜特效 Hot sleeking the paper with the hologram film. 完成 Finished Sleeking, fantasic effect.

生产工艺 Production Process



涂布 上胶 Coating EVA



在线测厚仪 On-line thickness gauge measuring



半成品固化 Curing process of EVA



分切,检验收卷松紧,端面平整度 Slitting into different size, Rewinding in smooth roll

预涂膜使用指引:

- 1. 请根据不同纸张及油墨情况调整压辊压力和热辊温度。
- 2. 如果第一次使用本产品,或更改印刷材料、工艺条件等,建议先做小批量试验。
- 3. 下列情况,有可能影响普通预涂膜覆膜效果:
- a. 油墨中含有过量的石蜡、干燥油、去粘剂、硅类添加剂等
- b. 使用金属油墨或油墨层过厚
- c. 油墨未完全干透
- d. 纸张湿度大
- e. 喷粉过量
- f. 张力设置不恰当

Thermal Lamination Film Application Manual:

- 1. Please adjust the pressure and temperature according to different types of paper and ink.
- 2. When using the film for the first time, or changing to other sizes or printing materials, please get a small trial volume before going into fully mass lamination.
- 3. The following situation will affect the quality of the film during lamination.
- (A) The ink contains too much wax, dried oil, adhesive, and silicon additive .etc.
- (B) Using metal ink or the ink is too thick
- (C) The ink is not totally dry
- (D) The paper is high humidity
- (E) There is too much powder
- (F) Tension setting is not correct on laminators

企业证书 Enterprise Honors



