

SINGLE - OR DOUBLE - SIDED LAMINATION



BRINGING LIFE TO COLOR



TRANSILWRAP COMPANY, INC.

Our History

Established in 1931, Transilwrap Company, Inc. is one of the leading suppliers of thermal laminating film products.

Transilwrap's Trans-Kote® thermal laminating films are manufactured in a variety of substrates such as polyester, polypropylene and nylon. The thermal adhesive used gives exceptional bonding and clarity. Thermal lamination is often the most durable, highest quality and least expensive way to protect graphic images.

Available in a number of gauges and finishes, Trans-Kote® thermal laminating films are ideal for a variety of applications in the book publishing, trade lamination, digital printing and card/ID markets.

Our extrusion coating capabilities give us a unique advantage when developing products. The ability to develop a quality product has created a strong foundation between Transilwrap and our customers. Transilwrap has built its reputation by working with various laminators and printers, offering the industry technical knowledge and the continuing development of new products.

ISO 9002 certified, Transilwrap quality-control efforts also focus on meeting customers' stringent requirements.



WHETHER YOU NEED SINGLE- OR DOUBLE-SIDED LAMINATION,
TRANSILWRAP CAN PROVIDE YOU WITH THE RIGHT FILM SOLUTION.



Trans-Kote® Thermal Laminating Films

Trans-Kote® PET/MR Laminating Film—A high-clarity, abrasion-resistant polyester-base film designed for high speed, single- and double-sided laminating. Trans-Kote® PET/MR is ideal for laminating book jackets, posters, menus and maps, as well as a wide variety of commercial applications that demand excellent clarity and protection.

- Available in gloss and matte finishes and in gauges 1.2, 1.7, 3, 5, 7 and 10 mil.

Trans-Kote® KRTY Laminating Film—A super clear polyester-base film with a copolymer adhesive that enables it to adhere to a wide range of surfaces, including heavily printed papers, photographic paper and film, vinyls and other plastics. Trans-Kote® KRTY is an excellent film for protecting photographs, ID cards and display panels.

- Available in gloss and matte finishes and in gauges ranging from 3 to 10 mil.

Trans-Kote® MITY Laminating Film—A polyester-base film that serves as an economical alternative for applications that demand heavy gauge protection. It features a harder copolymer adhesive to prevent edge-ooze, and a thinner gauge polyester base that provides excellent rigidity and superior abrasion resistance. Trans-Kote® MITY is an excellent film for laminating textured surfaces, menus, ID applications and other printed materials.

- Available in 4/6 and 7/8 configurations.
- 7/8 is also available for custom ID card applications.

Trans-Kote® OPP/MR Laminating Film—A high-clarity polypropylene-base film designed for high speed, single-side laminating at an economical price. This film is manufactured with a specially formulated copolymer thermal adhesive for a low melt point. It is ideal for laminating book jackets and report covers.

- Available in a 1.3 mil, gloss and matte finishes.

Trans-Kote® Nylon/MR Laminating Film—A super clear nylon-base film that resists curling. It features a specially-formulated, low-melt-point copolymer adhesive designed for high speed, single-side laminating. Trans-Kote® Nylon/MR is ideal for single-side applications such as paperback book covers, maps and posters.

- Available in gloss and matte finishes and in gauges of 1.3 and 1.7 mil.

Trans-Kote® LPS Laminating Film—A polyester-base film designed with an aggressive copolymer adhesive on one side and a clear, permanent, pressure-sensitive adhesive liner on the other side. This laminating film is perfect for signs, stickers, labels and tab applications.

- Trans-Kote® LPS is available in gauges of 2.5 and 3.5 mil.



Trans-Kote® Thermal Laminating Films Designed For Digital Laminating

In today's media-intensive world, wide-format imaging is a technology that continues to grow. Imaging and finishing companies continue to look for products that will protect their printed graphics, as well as preserve the vibrancy and clarity of their images. Transilwrap offers a variety of digital laminating films that are specially engineered for large format output and for those demanding jobs that require exceptional clarity.

DIGIKote™ I Digital Laminating Film—A thermal laminating film with added UV (ultraviolet) inhibitors and LIGHTFast™ technology. Specifically engineered for large-format output. DIGIKote™ I will preserve and protect your rich and colorful images.

- Available in 3, 5 and 10 mil, clear and satin finishes and in widths up to 76 inches.

DIGIKote™ II Digital Laminating Film—A thermal laminating film designed for those demanding jobs that require exceptional clarity. DIGIKote™ II is ideal for those printed applications where UV is not a factor.

- Available in 3, 5 and 10 mil, clear and satin finishes and in widths up to 76 inches.

DIGIKote™ Display White Opaque Laminating Film—A low melt, thermally activated, white opaque laminating film for pop-up and panel display applications.

- Available in a 38 inch width and in gauges of 5 and 10 mil.

DIGIKote™ Display Lustre Laminating Film—A low melt, thermally activated laminating film that is specially designed for laminating pop-up and display panels. Display Lustre has a scratch resistant, non-reflective surface for front panel enhancement.

- Available in gauges of 5 and 6 mil with a scratch-resistant surface.

All DIGIKote™ products feature adhesives that enhance clarity by sealing at 185° F, the lowest sealing temperature among thermal laminates in today's marketplace.



Trans-Kote® Thermal Laminating Films For the Protection of Card/ID Applications

Security systems rely increasingly on the use of plastic identification cards, and finding products to prevent card tampering and counterfeiting has become a major concern. To meet the ongoing demands of system integrators, Transilwrap offers a variety of Trans-Kote® thermal laminating films and other security features specifically designed to protect graphics, information, and to provide security to documents.

Trans-Kote® TXP® Laminating Film—This non-oriented polyester film has layflat and anti-curl characteristics. This material easily accepts security embossing and is tamper evident when heat is applied to the finished card.

- Available in 10 mil and in either roll or pouch form.

Trans-Kote® TransGuard™ Laminating Film—A 1 mil polyester film with an aggressive bonding adhesive developed specifically for the ID card market. This film provides fade resistance, prevents dye migration and enhances durability.

- Available in gloss or writable matte finishes and in converted rolls or patch form.

Trans-Kote® DD Laminating Film—A high-clarity polyester-base film with a copolymer adhesive. This film is designed to encapsulate and protect video/dye diffusion thermal transfer printed media.

- Available in 7 and 10 mil and can be converted into roll or pouch form.

Added Security Features to Prevent Tampering:

For additional security to card/ID applications, Transilwrap offers a variety of security features that can be incorporated into our Trans-Kote® films. When applied, these features provide tamper evidence to card and document applications.

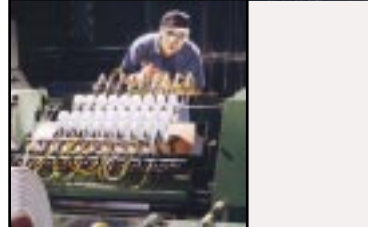
Advantage Security™—A two-dimensional optical variable device that is applied to the adhesive side of the thermal laminate. Advantage Security™ reflects in two dimensions, changing colors as the viewing angle is changed. If delamination is attempted the feature will shatter, making duplication or reuse impossible.

Holograms—A multi-dimensional optical device that is applied between the polyester and the adhesive coating. This technology's key characteristic is its multi-dimensional reflectivity and the ability to apply it in random locations or across the entire face of the document.

Signature Stripe—A printed technology applied to the exposed polyester surface. The stripe enables the recipient to sign the document at the point of issuance for future signature verification.

Hot Stamp Foil—A technology that is incorporated on the adhesive side of the thermal laminate. It is an area-specific feature when incorporated into the card structure that reflects images in normal light.

Magnetic Stripe—A low and high coercivity stripe that is incorporated into our Trans-Kote® laminating film. Magnetic stripe is used as a function of identification, access control and general information.



Security Inks:

Ultraviolet (UV)—An invisible ink printed on the adhesive side of the thermal laminate. When the document is passed over a UV light the ink fluoresces and is visible.

Transferable—An ink technology printed on the adhesive side of the thermal laminate. Its key characteristic is revealed when a secure document is tampered with by delamination, by cold or hot separation. The transferable inks fracture, leaving fragments of ink on the thermal laminate and on the core media.

TransSecure™—A metallic ink printed on the adhesive side of the thermal laminate. The key property of this technology is its visual reflectivity. Like a hologram, the ink is relatively fragile, and when separated it is difficult to reassemble or duplicate.

Polacoat™—An ink solution that reacts with traditional photographic emulsion chemistry. During the first 7 to 10 days of the card's life the emulsion is still wet. If an attempt is made to tamper with the card by delamination, the photograph will be destroyed by the emulsion reacting with the Polacoat™ chemistry.

NOTE: Advantage Security™ and Polacoat™ are the trademarks of their respective owners.



For more information, call:

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Production Notes: This brochure was laminated with Transilwrap's Trans-Kote® PET/MR laminating film, 1.7 gloss finish.