

# Transilwrap Company Inc.

*Your Global Leader in Materials  
and Value Added Services for  
Maximum Card Performance!*

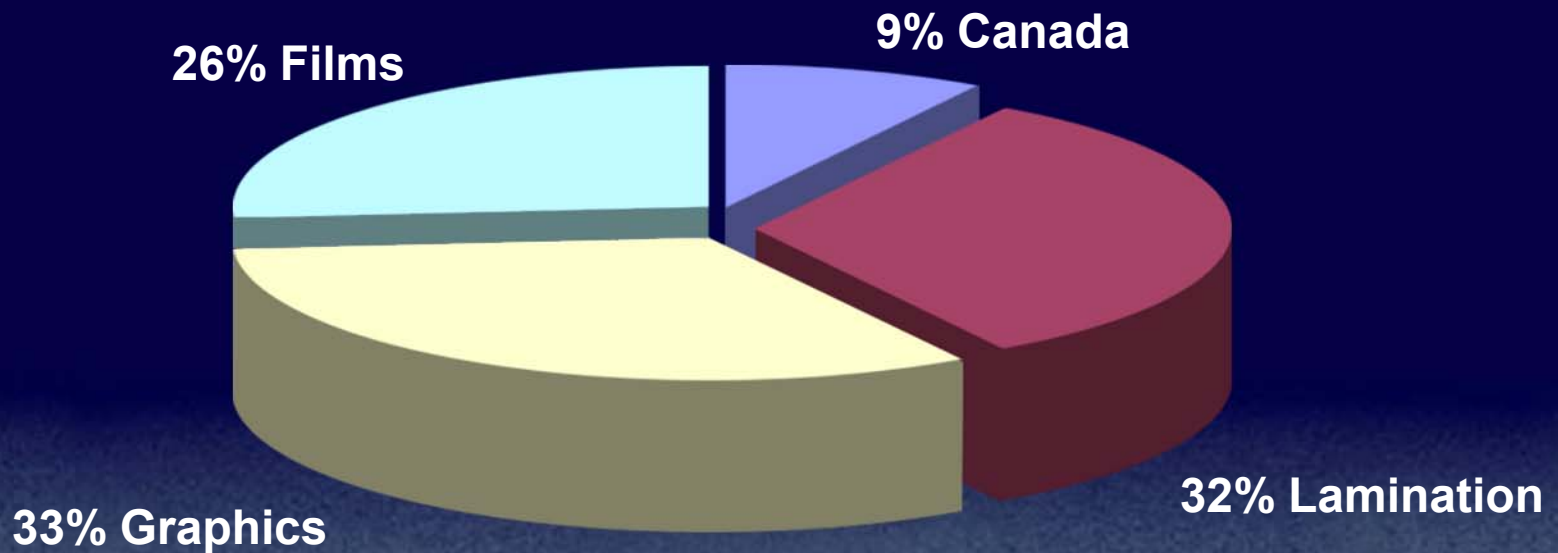


TRANSILWRAP COMPANY, INC.

# Transilwrap Company Inc.

*A Proven Industry Leader*

Consolidated Sales By Market - Fiscal Year June 2003



TRANSILWRAP COMPANY, INC.

# Transilwrap's Strengths

Transilwrap has been in the plastics industry for more than 70 years.

## *Service Oriented*

ISO 9001:2000 Certified for a consistent quality control program

Graphic Arts Technical Foundation

Screen Printing & Graphic Imaging Association International

Digital Printing & Imaging Association

Post Print Manufacturing Association

Provide custom orders, with state-of-the-art converting equipment to handle precision converting services, including slitting, sheeting, and rerolling.



TRANSILWRAP COMPANY, INC.

# Transilwrap's Strengths

*Material and Value Added Service for  
Maximum Card Performance*

To meet the ongoing demands of system integrators, Transilwrap offers a variety of print media, thermal laminating films and security features specifically designed to provide graphic enhancement, information protection and document durability.



TRANSILWRAP COMPANY, INC.

# Core and Card Stock Solutions for Maximum Card Performance

*Transalloy® Multi-Polymer Alloys*  
*The PVC Alternative*

- ◆ Transalloy® Products:
  - Environmentally friendly.
  - Offers durability, higher tear resistant and a cost-effective and “greener” alternative to PVC.
  - Easily UV coated, roll laminated, and platen press laminated with our manufactured Trans-Kote® Thermal Laminating Films or PVC.
  - Offset, screen, flexo and HP Indigo digitally printed.



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# Core and Card Stock Solutions for Maximum Card Performance

- ◆ Teslin<sup>®</sup> Card Stock:
  - Synthetic, white opaque, single layer micro-porous printing material that behaves more like paper than plastic.
  - Highly compatible substrate to our Trans-Kote<sup>®</sup> Thermal Laminating Films.
  - Custom converted to fit your specific document application – size, backing liner, perforation or applied adhesive.
  - Offset, screen, flexo, HP Indigo, laser and digital (laser and ink jet) processed.



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# Core and Card Stock Solutions for Maximum Card Performance

- ◆ DIGI Core™ Card Solution:
  - Customized synthetic sheet with pull away plastic liner for desktop publishing.
  - One side accepts conventional offset, laser and ink jet printing. Opposite side has heat-activated adhesive for easy lamination.
- ◆ Trans-Kote® White and Clear Core:
  - Specialty white and clear film coated on both sides with Trans-Kote® adhesive.
  - Provides highly durable construction option to your card application.
- ◆ Hologram Core:
  - Polyester-base holographic with Trans-Kote® adhesive coated on both sides.
  - For visual enhancement, and added security feature or both.



TRANSILWRAP COMPANY, INC.

# Trans-Kote® Thermal Laminating Films

*For the Protection of Document,  
Card/ID Card Applications*

- ◆ Trans-Kote® Thermal Laminating Films:
  - All general purpose films are produced to protect graphics and information, and provide security to documents.
    - Clear - Gloss & Matte Finishes
    - White - Opaque Film
- ◆ Trans-Kote® TXP® Laminating Film:
  - Excellent layflat and embossable surface.



TRANSILWRAP COMPANY, INC.



# Trans-Kote<sup>®</sup> Thermal Laminating Films

*For the Protection of Document, Card/ID Card Applications*

- ◆ Trans-Kote<sup>®</sup> TransGuard<sup>™</sup> Laminating Film:
  - Multi-layer polyester film with an aggressive bonding adhesive developed for the desktop, digital, photo and ID card markets.
  - Prevents dye migration, image abrasion resistance and enhances durability.
- ◆ Trans-Kote<sup>®</sup> DD Laminating Film:
  - Designed to encapsulate and protect video/dye diffusion thermal transfer printed media.



TRANSILWRAP COMPANY, INC.

# Added Security Features

Security Features - Incorporated into Trans-Kote® Films and designed for authentication and tamper evidence.

## ◆ Security Inks:

- Ultraviolet (UV) - Security ink that reflects under UV light.
- Transferable - Security ink that fractures when delaminated.
- TransSecure™ - Security ink that offers two dimensional reflective technology.
- Polacoat™ - Security ink that is used for tamper evidence.
- Photochromatic - Security ink that is visible only when exposed to close, direct light.
- Thermochromatic - Security ink designed to disappear when subject to heat, including light source or direct friction.



**TRANSILWRAP COMPANY, INC.**

NOTE: Polacoat™ is the official trademark of its owner.

# Added Security Features

- ◆ Advantage Security™ - A two dimensional optical variable device that cannot be photocopied.
- ◆ Holograms - Three dimensional optical variable device used for authenticity, customization and tamper evidence.
- ◆ Hot Stamp Foil - A security feature that reflects in normal light. It is an area-specific property when incorporated into the card structure.
- ◆ Signature Stripe - A printed technology applied to the exposed polyester surface. Allows the customer to sign their document at the point of issuance.



**TRANSILWRAP COMPANY, INC.**

NOTE: Advantage Security™ is the trademark of Op Sec - Advantage Inc.

# Added Security Features

- ◆ Magnetic Stripe - A low coercivity or high coercivity stripe used as a vehicle for carrying and transmitting information.
- ◆ Micro Tagant Film - Microscopic particles incorporated into the laminating film that can be seen only with an optical aid.



TRANSILWRAP COMPANY, INC.

# Other Customized Trans-Kote® Thermal Laminating Film Solutions

- ◆ Passport Laminate:
  - Customized thin-gauge Trans-Kote® film that is adhered to a carrier for quick lamination to passports.
- ◆ A Large Selection of Pouch Configurations to Meet Your Requirements:
  - Customized Trans-Kote® film in either clear or matte finish, with security printing, holographic film and/or incorporated with signature stripe, bar code blocker or magnetic stripe.



TRANSILWRAP COMPANY, INC.

# Other Customized Trans-Kote® Thermal Laminating Film Solutions

- ◆ PAM™ Permanent Assembly/Mounting Adhesive:
  - Heat-activated, two-sided adhesive film that has been engineered to assemble similar or dissimilar materials...plastics, foam, cardboard, paper, wood, metal and other substrates.



TRANSILWRAP COMPANY, INC.

# Value Added Services for Maximum Card Performance

- ◆ Extrusion / toll converting services – extrusion and toll convert materials including holographic, PETG, polycarbonate, polyester, PVC and other synthetic materials.
- ◆ Custom fabrication services – slitting, die cutting, sheeting and pouching.
- ◆ Printing capabilities – Flexographic or rotogravure print UV inks, transferable inks, TransSecure™ inks and other ink technologies on our Trans-Kote® Thermal Laminating Films.



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