



## DURACO® PACKAGING SOLUTIONS



**Filmquest**



A  **DURACO** SPECIALTY MATERIALS COMPANY

# ABOUT DURACO

## OVERVIEW

- 75 years in service
- 300+ employees
- 6,800 customers

## MANUFACTURING

- Duraco HQ: Forest Park, IL
- Filmquest: Bolingbrook, IL
- Infinity Tapes HQ: Lawrence, MA
- 3 Sigma: Troy, OH & Lancaster, OH
- Rayven: St. Paul, MN & Owatonna, MN

## Advanced Warehousing

- Forest Park, IL
- Lawrence, MA
- Los Angeles, CA
- Mississauga, Canada



## CAPABILITIES:

- Coating, laminating, slitting, die-cutting, and custom conversion
- R&D, design engineering, quality, and regulatory compliance
- Advance warehousing and fulfillment support
- Same day shipping

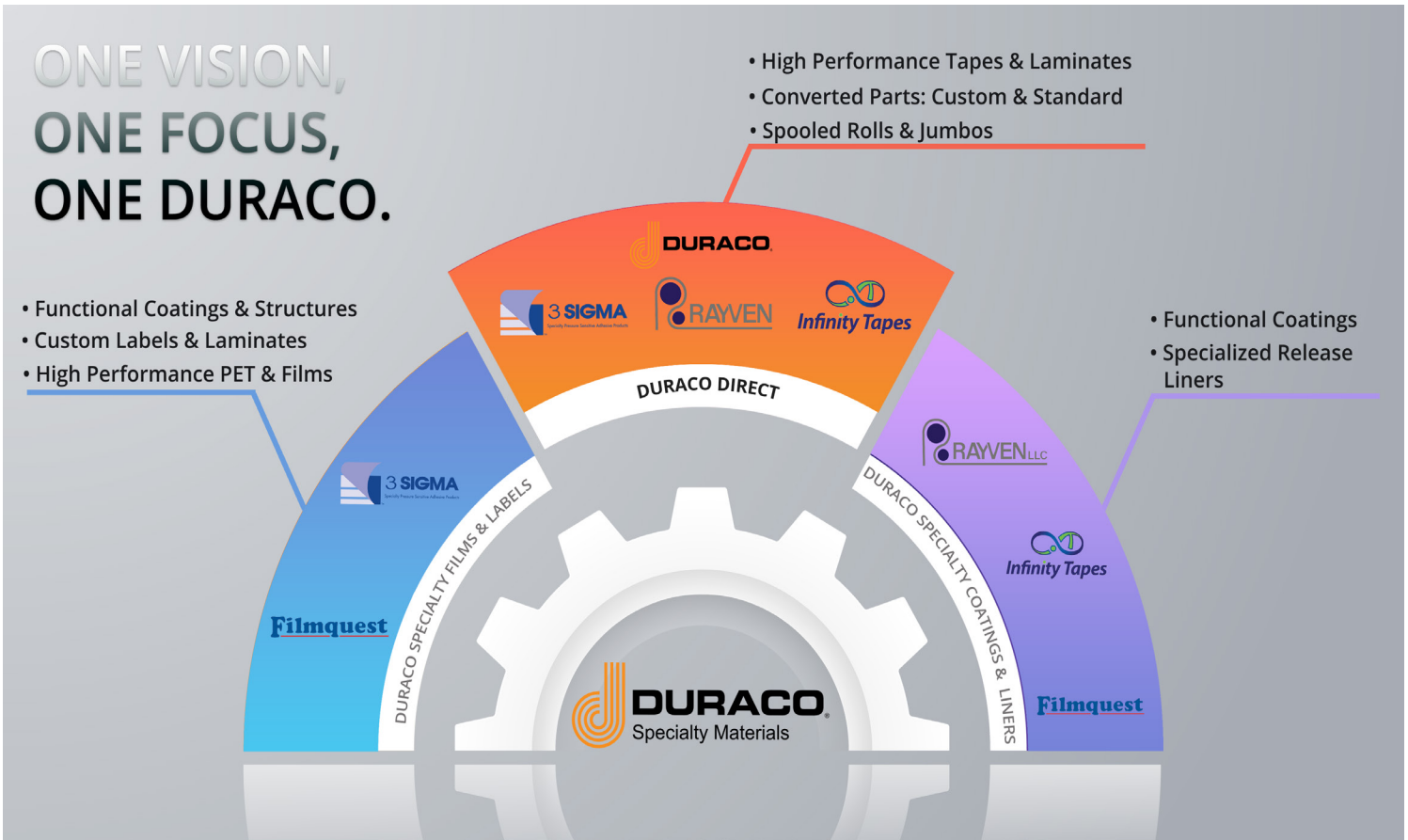
## BROAD, ESTABLISHED CUSTOMER BASE:

- Point-of-purchase (POP), decorative and consumer, flexible packaging, general distribution, general industrial and construction, graphics and communication, healthcare, OEM manufacturing, specialty label, transit packaging and e-commerce



ISO 9001

# FIVE COMPANIES, ONE VISION, ONE FOCUS, ONE DURACO



Duraco Specialty Materials and its three business units – Duraco Direct, Duraco Specialty Films & Labels, and Duraco Specialty Coatings & Liners – is dedicated to meeting the unique needs of our customers with best-in-class service and responsiveness.

Scan the QR code to learn more about these innovative and complementary companies.

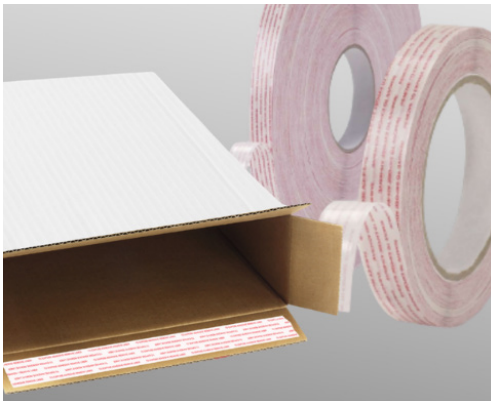


# WE SOLVE YOUR PROBLEMS WITH INNOVATIVE MATERIALS

**CUSTOMER-FOCUSED SOLUTIONS** IN KEY MARKETS

## The Duraco Advantage:

Experienced • Integrated Turnkey Partner • Rapid Turnaround • Proven Quality



### DIVERSIFIED COATING SOLUTIONS

Hot-Melt PSAs

Water-borne PSAs

Solvent-borne PSAs

Silicone Release Coatings

Barrier & Functional Coatings

### BROAD PORTFOLIO OF SUBSTRATES AND LAMINATES

Foams

Films

Tissue & Nonwovens

Metalized films

Foils

### CUSTOM CONVERSION

Laminating

Slitting & skiving

Spooling

High-speed rotary cutting

Custom liner printing

# THE DURACO ADVANTAGE

## YOUR EFFICIENT ALTERNATIVE TO GLUE LINES



### PERFORMANCE

- High peel strength
- Aggressive quick stick
- Permanent and resealable adhesives
- High shear

### PRESENTATION

- Custom printed release liners
- Custom sizes and put-ups
- Finger lift and offset configurations
- Long rolls for automatic application
- Spooled formats available

## TAPES BUILT TO SECURE ANY PACKAGE

### Duraco + Infinity Solutions

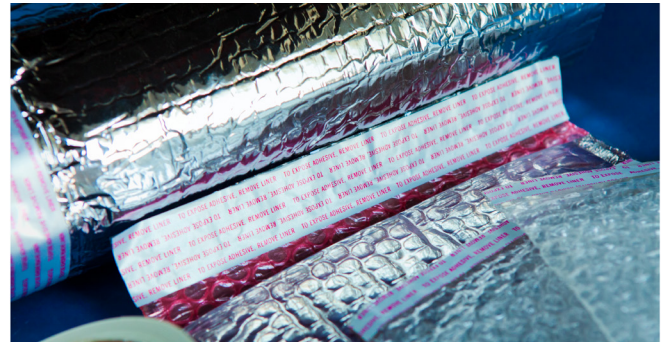
Bags, Pouches, Mailers	*4853	*4513	*4873	Tear Tape	—
Direct-to-Consumer (DTC) + E-Commerce	***4582	***4581	**4481	***1844	Tear Tape

- \* Available with dry edge liner – Liner side of the tape has a dry lane on each edge for easy removal; flush edge adhesive on the unwind side.
- \*\* Available with finger lift liner – Release liner that extends past the edge of the tape for quick and easy removal.
- \*\*\* Available with dry edge, finger lift, or offset dry edge liner

# BAGS, POUCHES, MAILERS

4853, 4873, and 4513 are permanent double-coated bag sealing tapes specifically designed to provide permanent closure on PE and similar bags, pouches, and mailers. Available in custom and standard formats, these tapes have a polypropylene liner optimized for cutting by hot wire or hot knife.

- ✓ PLASTIC MAILERS
- ✓ CLOTHING AND FOOD BAGS
- ✓ BUBBLE POUCHES
- ✓ FOOD PACKAGING



## 4853

A high-performance, double-coated bag sealing tape that provides a permanent closure on plastic bags and mailers. Engineered to tear films that are three mils thick or greater. Available in dry edge construction with clear, printed, and unprinted liners.

- Adhesive: Rubber-based permanent
- Liner Side Adhesion: 123 oz./in.
- Exposed Side Adhesion: 71 oz./in.
- Release Liner: 1.8 mil white polypropylene
- Classifications: FDA Regulation 175.105 for indirect food contact

## 4873

A general-purpose, double-coated bag sealing tape that permanently closes plastic bags and mailers. Designed to tear films up to three mils thick. Available in dry edge construction with clear, printed, and unprinted liners.

- Adhesive: Rubber-based permanent
- Liner Side Adhesion: 92 oz./in.
- Exposed Side Adhesion: 71 oz./in.
- Release Liner: 1.8 mil white polypropylene
- Classifications: FDA Regulation 175.105 for indirect food contact

## 4513

A differential tape with permanent adhesive on the open side and resealable adhesive on the liner side. Coated on a polyester film carrier with white BOPP release liner. Available in dry edge construction.

- Adhesive: Rubber-based permanent
- Liner Side Adhesion: 21 oz./in.
- Exposed Side Adhesion: 71 oz./in.
- Resealable with polyester carrier

## TAMPER EVIDENT SOLUTIONS

HG53-6 adds security with a Hidden Graphic (HG) message appearing when the product is compromised or tampered with.

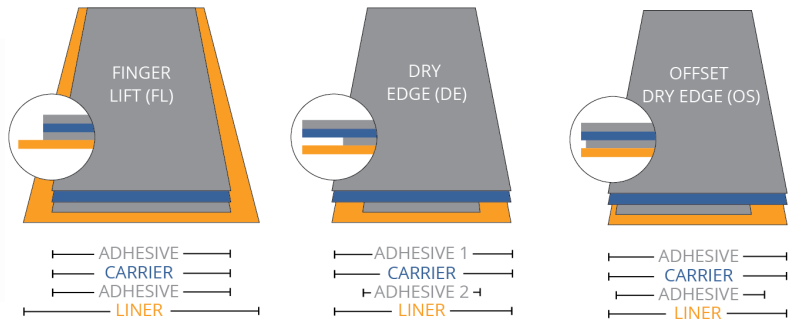


# DTC + E-COMMERCE PACKAGING

Duraco manufactures a variety of high-performance pressure-sensitive tapes (PSA) for sealing corrugate and paper direct-to-consumer (DTC) and e-commerce packages. These tapes are proven to provide a secure fiber-tear seal with an engineered high-performance adhesive system. Each of our closure tapes is fully customizable, including traditional finger lift/extended liner, flood coat-zone coat dry edge, and offset presentation. In addition, we have custom printed release liners to help support your brand or application messaging.

## QUICK SECURE BONDING

- ✓ CORRUGATED BOXES
- ✓ OVERNIGHT MAILERS
- ✓ MEDICAL TEST KITS
- ✓ FOOD DELIVERY PAPER BAGS



### 4582

A general purpose, double-coated e-commerce/DTC package sealing tape that provides a permanent closure on corrugated boxes, paper bags, and mailers. High performance adhesive system offers high initial tack and excellent peel performance.

- Adhesive: Rubber-based permanent on both sides of PET film carrier
- Application Temperature: 65°F to 100°F
- Service Temperature: 0°F to 158°F
- Customizable with personalized messaging or graphic on liner

### 4581

A high performance, double-coated e-commerce/DTC package sealing tape that provides a permanent closure on corrugated boxes or paper bags and mailers. The liner side has an increased adhesive coat weight that offers aggressive tack and excellent peel performance.

- Adhesive: Rubber-based permanent on both sides of PET film carrier
- Application Temperature: 50°F to 100°F
- Service Temperature: 0°F to 158°F
- Classifications: FDA Regulation 175.105 for indirect food contact

### 4500 SERIES BOX CLOSURE TAPES:

- Available in Dry Edge (DE) construction
- Long length rolls for automated tape applications
- Bulk (no carton) pallet pack options for reduced waste

## 4481

A general-purpose, double-coated PET film tape ideal for permanently bonding corrugated overnight boxes, paper, and card stock. Features a heavier adhesive coat weight on the liner side for excellent initial tack and strong peel performance. Available in an easy release finger lift liner.

- Adhesive: Hot melt rubber-based permanent
- Application Temperature: 65°F to 100°F
- Service Temperature: -10°F to 158°F
- Classifications: FDA Regulation 175.105 for indirect food contact



## 1844

The same proven performance as our 4481 adhesive system except with a heavier coat weight on the unwind side (side applied to your substrate). Excellent adhesion when the first side of the tape is applied to uneven or textured corrugate.

- Adhesive: Hot melt rubber-based permanent
- Application Temperature: 50°F to 122°F
- Service Temperature: 0°F to 160°F
- Classifications: FDA Regulation 175.105 for indirect food contact

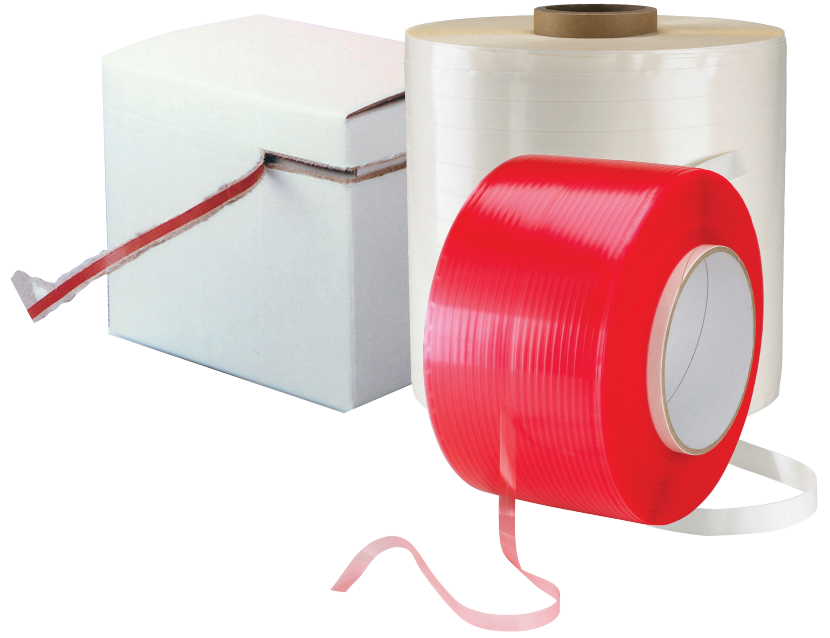




## TEAR TAPE

A water-based PSA for fast, quick, and easy opening of corrugated boxes and paper mailers.

- Adhesive: Water-based pressure sensitive
- Application Temperature: 50°F to 122°F
- Service Temperature: -10°F to 158°F



## FIBER REINFORCED TRANSFER TAPE SPOOLS

A high performance hot melt finger lift tape consisting of a pressure-sensitive adhesive coated onto a PET release liner with embedded fiber reinforcement to add structural and higher tensile strength.

- Adhesive: Hot melt pressure sensitive
- Application Temperature: 72°F (ambient)
- Service Temperature: 35°F to 145°F
- Classifications: for CONEG, REACH RoHS3, California Prop 65




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# EXPLORE THE DURACO DIFFERENCE

TAPES FOR ALL OF YOUR PACKAGING NEEDS

## Custom Products that Exceed Expectations

Custom Widths • Custom Lengths • Custom Formulations

	Adhesive	Carrier	Application Temperature	Service Temperature	Description
4853	Double-sided rubber-based permanent	PE Film	65°F to 100°F	32°F to 158°F	High performance double-sided film tape for bags over three mils thick
4873	Double-sided rubber-based permanent	PE Film	65°F to 100°F	32°F to 158°F	General purpose double-sided film tape for bags up to three mils thick
4513	Double-sided rubber-based permanent/resealable	PE Film	65°F to 100°F	32°F to 158°F	Ideal for PE bags that need to be resealable
4582	Double-sided rubber-based permanent	PET Film	65°F to 100°F	0°F to 158°F	General purpose double-sided film tape for permanent closure of boxes, bags and mailers
4581	Double-sided rubber-based permanent	PET Film	50°F to 100°F	0°F to 158°F	High performance double-sided film tape for permanent closure of boxes, bags, and mailers
4481	Double-sided rubber-based permanent	PET Film	50°F to 122°F	0°F to 160°F	General purpose double-sided film tape for permanent closure of overnight boxes, paper, and cardstock
1844	Double-sided rubber-based permanent	PET Film	50°F to 122°F	0°F to 160°F	General purpose double-sided film tape with a heavier coat weight on the unwind side for uneven or textured corrugate
Tear Tape	Aqueous-based pressure sensitive	MOPP	65°F to 100°F	0°F to 158°F	Self-adhesive tear strip providing fast and safe opening of boxes and mailers
Fiber Reinforced Transfer Tape	Permanent rubber-based single-sided	PET Film	65°F to 100°F	0°F to 158°F	Self-sealing, fiber-reinforced tape for packaging applications

# INFINITY TAPES = INFINITE POSSIBILITIES

## HIGH-QUALITY TRANSIT TAPES

Infinity Tapes offers a number of dependable transit tapes that are built to ensure your packages arrive at their destination safe and secure. Decide between double-coated plastic liner or paper liner tapes that feature a variety of qualities, such as easy hand tearing, finger lift or dry edge coating, permanent/permanent adhesive, or permanent/resealable adhesive.

### HKC67

A general-purpose, permanent double-coated tape for absolute closure on all film materials, such as bags, courier, or mailers envelopes. Featuring a film release liner that is easily cut with a hot wire or hot knife and is designed to tear films up to 3mils thick. Available in dry edge construction.

- Adhesive: Rubber-based permanent
- Release liner: 1.8mil white polypropylene (BOPP) film
- Liner side adhesion: 92.0 oz./in
- Exposed side adhesion: 71.0 oz./in
- Carrier: 0.48mil clear polyester



### HKC72

A double-coated tape with resealable adhesive on one side and permanent adhesive on the other. Ideal for use on polypropylene bags. Available in extra-wide finger lift or dry edge construction. Liner is clear HDPE film printed with the words, "Remove Liner to Expose Adhesive" in red.

- Adhesive: Acrylic resealable on one side, permanent on the other
- Release liner: 1.2mil high density polypropylene film
- Liner side adhesion: 8.0 oz./in
- Exposed side adhesion: 13.0 oz./in
- Carrier: 0.48mil clear polyester

### HKC65

A high performance double-coated permanent tape with a polyester carrier and white BOPP release liner. Performs excellently as a bag enclosure tape and bonds plastic courier and mailer envelopes. Designed to tear films 3mils thick and above.

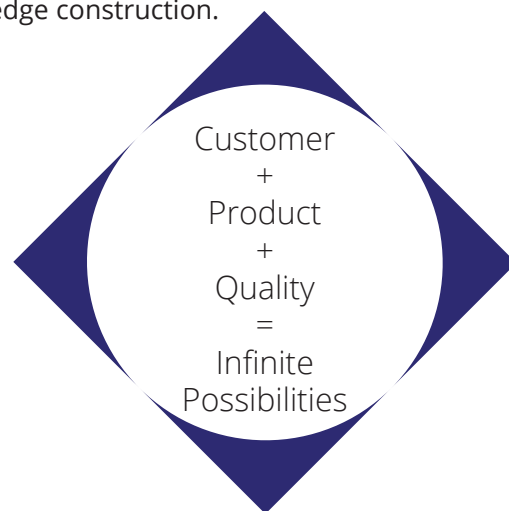
- Adhesive: Rubber-based permanent
- Release liner: 1.8mil white polypropylene (BOPP) film
- Liner side adhesion: 123.0 oz./in
- Exposed side adhesion: 71.0 oz./in
- Carrier: 0.48mil clear polyester

# TRANSIT TAPES FOR THE MOST IMPORTANT PACKAGES

## HKC91

A double-coated tape with a resealable adhesive on one side and aggressive permanent adhesive on the other. Excellent resealable adhesive system with easy smooth release from film surfaces. Available in finger lift or dry edge construction. Release liner may be clear or printed.

- Adhesive: Rubber-based hot melt resealable on one side, permanent on the other
- Release liner: 1.8mil white polypropylene (BOPP) film
- Liner side adhesion: 21.0 oz./in
- Exposed side adhesion: 71.0 oz./in
- Carrier: 0.48mil clear polyester



## HKC71

A double-coated tape with resealable adhesive on one side and permanent adhesive on the other. Designed for high performance on polyethylene bags. Available in either finger lift or dry edge construction. Liner is clear BOPP film printed with the words, "Remove Liner to Expose Adhesive" in red.

- Adhesive: Acrylic resealable on one side, permanent on the other
- Release liner: 1.2mil polypropylene (BOPP) film
- Liner side adhesion: 8.0 oz./in
- Exposed side adhesion: 13.0 oz./in
- Carrier: 0.48mil clear polyester

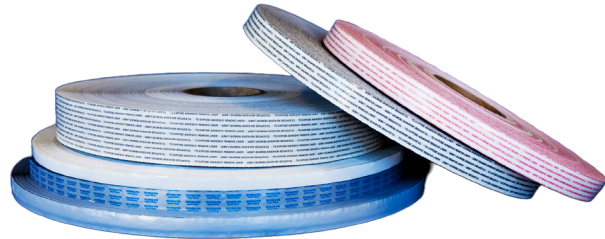


# SENDING YOUR PACKAGES SECURELY

## DF58

A double-coated permanent tape with a paper release liner and tissue carrier for easy tearing by hand. Features superior bonding qualities to corrugate, board, cardstock, and boxes. Available in full coat or dry edge construction.

- Adhesive: Rubber-based hot melt permanent
- Release liner: 42# printed black SCK paper
- Liner side adhesion: 92.0 oz./in
- Exposed side adhesion: 71.0 oz./in
- Carrier: Tissue



## DF65

A high performance double-coated permanent tape with a polyester carrier and paper release liner. Formulated to offer superior, immediate bonding to corrugate, board, and card stock. Adhesive is designed to bond to low energy surfaces such as polypropylene and polyethylene. Available in dry edge construction.

- Adhesive: Rubber-based permanent
- Release liner: 42# printed red SCK paper
- Liner side adhesion: 123.0 oz./in
- Exposed side adhesion: 71.0 oz./in
- Carrier: 0.48mil clear polyester

## DFBXTDE

A double-coated permanent tape with a polyester carrier and paper release liner. Designed to feature an aggressive adhesive system to permanently seal cardboard boxes and paper mailers with superior bonding properties. Holds the box closed under a variety of extreme conditions. Standard construction is dry edge.

- Adhesive: Rubber-based hot melt permanent
- Release liner: 53# printed red SCK paper
- Liner side adhesion: 202.0 oz./in
- Exposed side adhesion: 116.0 oz./in
- Carrier: 0.48mil clear polyester



### CALL AN EXPERT!

Can't find what you need?  
Call us and let one of our  
experts help you find the  
right product for the job!

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# TAMPER EVIDENT TAPES FOR PACKAGE PROTECTION

Infinity offers a variety of high-quality tamper evident tapes that display a hidden message when violated. A strong deterrent from theft and product counterfeiting, these products offer customizable features and provide options for brand protection and product security.

## HG53-2

A tamper evident film and tape with a special matte finish containing a hidden graphic message that appears when an attempt is made to open the product. The PET film provides an excellent printing surface by either flexo or digital methods. Customize the hidden graphic with any message and choose from a variety of colors.

- Film substrate: 92ga or 142ga polyester film
- Release liner: 42# SCK paper
- Adhesive: Hot melt



## HG53-3

A tamper evident film and tape available with a serrated edge to prevent lifting of the tape without tearing. The matte finish film provides a great printing surface that exposes a hidden graphic message when tampered with. Low or no slip films are highly recommended, as well as corona treatment on film surfaces to improve adhesion properties.

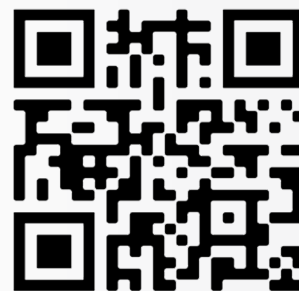
- Film substrate: 92ga matte polyester film
- Release liner: 92ga polyester film
- Adhesive: Hot melt



## HG53-6 SWHG

A selfwound tamper evident tape designed for security sealing. A hidden graphic message appears when the package is tampered with. This product offers immediate bonding to most surfaces with no set up time to initiate the hidden message. Customizable features include the message, color, and single color logo to emphasize the customers' brand.

- Film substrate: 92ga or 142ga matte polyester film
- Release liner: None
- Adhesive: Pressure sensitive rubber-based hot melt



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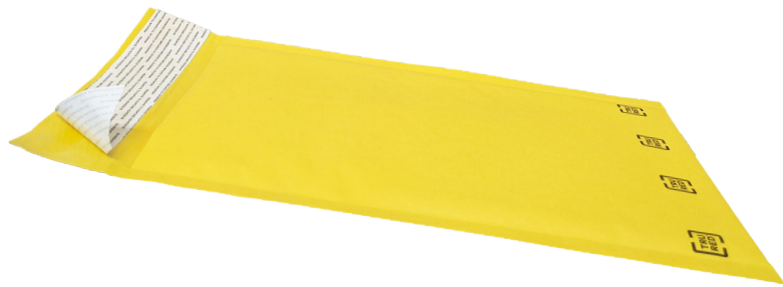
# RELEASE LINERS THAT MEET YOUR EXACT NEEDS

Infinity offers a variety of paper, polyester, and polypropylene release liners. These smoothly releasing liners offer a range of qualities, including metalized film, high temperature resistance, antistatic properties, standard printing, custom printing, and color choices. Compatible with many types of adhesive, there is sure to be a release liner that perfectly fits your application.

## 42# PAPER LINER

A 42# paper liner coated on one side with easy release silicone. This liner is compatible with a wide variety of adhesives and is offered with standard printing ("Remove Liner to Expose Adhesive") or custom printing.

- Release liner: 42# bleached SCK paper
- Coating: Coated on one side with easy release silicone



## 53# PAPER LINER

A 53# paper liner coated on one side with easy release silicone. This liner is compatible with a wide variety of adhesives and is offered with standard printing ("Remove Liner to Expose Adhesive") or custom printing (available in a variety of colors).

- Release liner: 53# bleached SCK paper
- Coating: Coated on one side with easy release silicone



### DID YOU KNOW?

Infinity Tapes offers a wide range of converting capabilities, including:

- Flexographic printing
- Silicone coating
- Hot melt adhesive coating up to 40"
- Slitting
- Spooling

### CUSTOMIZE

- Standard Printing: "Remove Liner to Expose Adhesive"
- Custom Printing

# CREATING EASY AND SMOOTH LINER REMOVAL

## PET901 MET

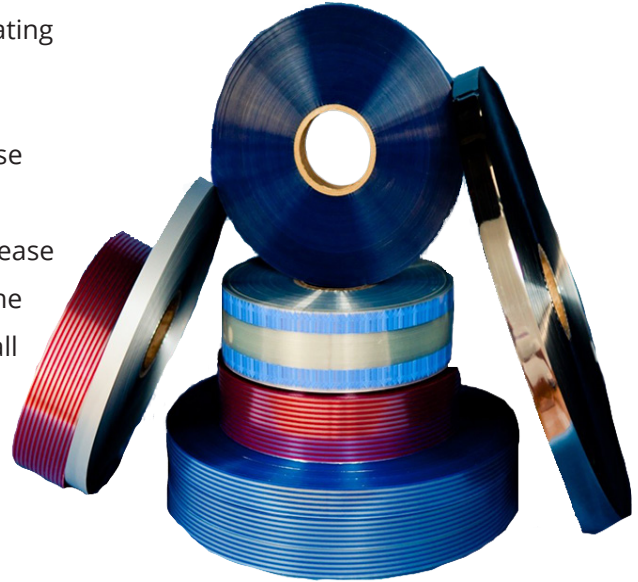
A metalized polyester film release liner providing excellent smooth release. Compatible with a wide variety of adhesives. The metalized base film provides antistatic properties to eliminate the inherent static cling of many plastic films. Offers the highest temperature resistance and highest strength of all plastic film release liners.

- Release liner: 1.0mil polyester metalized film
- Coating: Coated on metalized side with easy release coating

## PET901

A clear polyester film coated on one side with easy release silicone and printed on the other side with the words, "Remove Liner to Expose Adhesive." Provides smooth release and is compatible with a variety of adhesives. Features the highest temperature resistance and highest strength of all plastic film release liners. Available with custom printed messaging and colors.

- Release liner: 1.0mil clear polyester film
- Coating: Coated on one side with easy release silicone, printed on the other side



## PP701.2 MET BOPP

A clear printed or unprinted metalized silicone coated antistatic film. Provides smooth release and is compatible with a wide variety of adhesives.

- Release liner: 1.18mil metalized polypropylene film
- Coating: Coated on one side with easy release silicone

## PP502

A clear printed or unprinted BOPP film coated on one side with easy release silicone and printed on the other with the words, "Remove Liner to Expose Adhesive." The biaxial orientation of the film increases its strength, and the coating provides smooth release. Compatible with a wide variety of adhesives. Available with standard or custom printing.


- Release liner: 1.38mil clear BOPP film
- Coating: Coated on one side with easy release silicone, printed on the other side






# HIGH END TAPES FOR DIFFICULT APPLICATIONS

## INFINITY'S TRANSIT TAPES


	Adhesive	Release Liner	Carrier	Description
HKC67	Double-sided rubber-based permanent	1.8mil white polypropylene (BOPP) film	0.48mil clear polyester	General purpose, permanent double-coated tape for absolute closure on all film materials
HKC72	Double-sided acrylic permanent/resealable	1.2mil high density polypropylene film	0.48mil clear polyester	Double-coated permanent/resealable adhesive ideal for use on polypropylene bags
HKC65	Double-sided rubber-based permanent	1.8mil white polypropylene (BOPP) film	0.48mil clear polyester	High performance double-coated tape for bag and envelope enclosure
HKC91	Double-sided rubber-based hot melt permanent/resealable	1.8mil white polypropylene (BOPP) film	0.48mil clear polyester	Double-coated permanent/resealable adhesive. Available in finger lift or dry edge. Liner may be clear or custom printed
HKC71	Double-sided acrylic permanent/resealable	1.2mil polypropylene (BOPP) film	0.48mil clear polyester	Double-coated permanent/resealable adhesive designed for high performance on polyethylene bags
DF58	Double-sided rubber-based hot melt permanent	42# printed black SCK paper	Tissue	Double-coated permanent tape with paper release liner and tissue carrier for easy tearing. Superior bonding to corrugate, board, card stock, and boxes
DF65	Double-sided rubber-based permanent	42# printed red SCK paper	0.48mil clear polyester	High performance double-coated permanent tape. Formulated for immediate bonding to corrugate, board, and card stock
DFBXTDE	Double-sided rubber-based hot melt permanent	53# printed red SCK paper	0.48mil clear polyester	Double-coated permanent tape. Designed with an aggressive adhesive system to seal cardboard boxes and paper mailers

# PUSHING THE LIMITS ON LINERS

## INFINITY'S TAMPER EVIDENT FILMS AND TAPES

	Film Substrate	Release Liner	Adhesive	Description
HG53-2	92ga or 142ga PET film	42# SCK paper	Hot melt	Tamper evident film with special matte finish. Printable by flexo or digital methods. Customizable message and colors
HG53-3	92ga matte PET film	92ga PET film	Hot melt	Tamper evident film with special matte finish containing a hidden graphic message. Available with serrated edge
HG53-6 SWHG	92ga or 142ga PET film	None	Pressure sensitive rubber-based hot melt	Selfwound tamper evident tape. Immediate bonding to most surfaces and customizable colors, message, and logo

## INFINITY'S RELEASE LINERS

	Release Liner	Coating	Description
42# Paper Liner	42# bleached SCK paper	Coated on one side with easy release silicone	42# liner compatible with many adhesives. Offered with standard or custom printing
53# Paper Liner	53# bleached SCK paper	Coated on one side with easy release silicone	53# liner compatible with many adhesives. Offered with standard or custom printing
PET901 MET	1.0mil polyester metalized film	Coated on metalized side with easy release coating	Metalized polyester film compatible with many adhesives. High antistatic, temperature resistance, and strength properties
PET901	1.0mil clear polyester film	Coated on one side with easy release silicone, printed on the other	Clear polyester film providing smooth release. Compatible with many adhesives. Available with custom printed messaging and colors
PP701.2 MET BOPP	1.18mil metalized polypropylene film	Coated on one side with easy release silicone	Clear printed or unprinted metalized silicone coated antistatic film. Provides smooth release and is compatible with many adhesives
PP502	1.38mil clear BOPP film	Coated on one side with easy release silicone, printed on the other	Clear printed or unprinted BOPP film liner. Compatible with a wide variety of adhesives. Available with standard or custom printing

# GOING ABOVE AND BEYOND TOGETHER

TO GIVE YOU THE BEST TAPE SOLUTIONS





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