



PENNTRANS™

HEAT TRANSFERS



OEKO-TEX 100
Environmental
requirements met



Excellent stretch
and elasticity with
no cracking



Unlimited, vivid
PMS colors
available



Fast turnaround
times and no set
up costs



No Set-up costs
and low minimum
quantity (25)



Shipping:
2-3 bus. days (home)
20-22 bus. days (RUI)

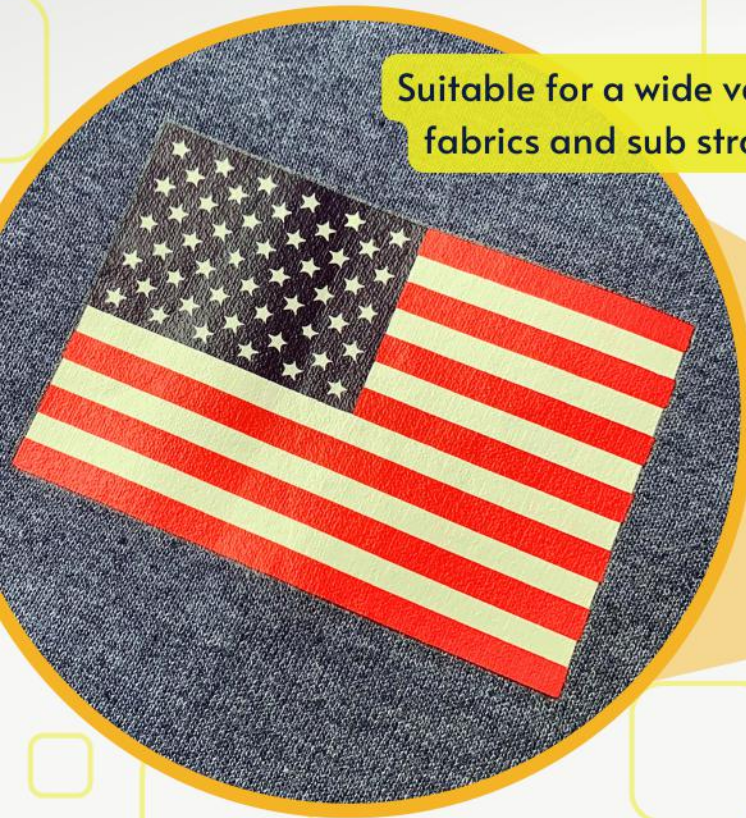


PVC Free and
environmentally
friendly



Sizing:
Min: 0.79" x 0.79"
Max: 26" x 19"

Suitable for a wide variety of
fabrics and sub straights.



ssales@pennemblem.com



www.pennemblem.com



800-793-7366



800-775-7366

PENNTTRANS™ HEAT TRANSFERS

PRODUCT SPECIFICATIONS

PennTrans™ Heat Transfers utilize the latest print technologies to produce bright, digital colors with fine detail and no cracking. They are suitable for a wide variety of fabrics, and are ideal for small to large volumes. They are easy to use, lightweight and have fast turnaround times. PennTrans™ Heat Transfers are environmentally friendly and conform to OEKO-TEX® Standard 100 requirements.



DIMENSIONS

Minimum Size:
0.79" x 0.79"

Standard Size:
26" x 19"



LETTERING

Minimum Lettering Size:
Dependent on font used.



BACKING TYPE

Variety of adhesives dependent on garment.



WASH CARE

Home Laundry



ARTWORK/TURNAROUND

Vector Files Preferred and Bitmap Art is best option for HD printing.

Accepted Graphic File Types:
.ai, .eps, .pdf, .jpg, .png, .psd, .tiff, .bmp, .gif

Most orders will ship in **12-14 business days**. Rush pricing and delivery is also available on certain products for quicker delivery.



ORDERING GUIDELINES

Artwork & Setup Fees:

An emailed sketch card or scan of your finished emblem is included with the order for no additional cost.

Order Quantities:

25 minimum

Payment Methods:

Visa, Mastercard, American Express, Discover, Wire/ACH Checks.

Note: If you choose to pay by check, and you do not have payment terms with us, we cannot process your order until we receive your check. This may not be the best method if the order is deadline driven. Please speak to your sales representative to discuss the order's urgency. If you are pre-paying for an order, you will receive an additional freight charge to your credit card after the order has shipped.

If you would like to be set up with payment terms, please contact Customer Service for assistance.

Order Process:

During the ordering process, the following information is required in order to proceed with your request:

- Emblem Type, Design Colors, Fabric Colors, Border Colors, Dimensions, Backing Type, Quantity, Special Delivery Needs



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APPLICATION INSTRUCTIONS

All application parameters are based on fabric composition, color, type of heat seal machine being used, and expected wash results. The following settings are for general guidance, but may vary based on the above.

Heat Press

A digital temperature controller is advised to be used. Heat press must be calibrated daily. An outline may appear when transfer is applied. The outline will disappear after 1st wash.

Wash Test

When bonding transfers, it may look bonded but fail in wash tests if the following bonding parameters are not followed. A bonded transfer must set and cure for 36 hours prior to washing.

Storage

PennTrans™ Transfers must be stored in a cool, dry place out of direct sunlight.

Note: This information is a suggested guideline only. Penn Emblem makes no representation concerning accuracy of the data. This product, like any other, should be tested by the user thoroughly under end user conditions to ensure the product meets the particular requirements. Independent results may vary.



Temperature

HOME:
280°F for 15 seconds
300°F for 10 seconds

REFLECTIVE:
310°F for 5 seconds



Pressure

HOME:
65-80 PSI

REFLECTIVE:
30-40 PSI



Time

HOME:
10-15 seconds

REFLECTIVE:
5 seconds



Removal

HOME:
Peel Hot and let sit for 5 seconds before removing carrier film.

REFLECTIVE:
Let sit for 5 seconds before removing carrier film; Cover with Teflon sheet and repress for 10 seconds.



CARE INSTRUCTIONS

- Cold or Warm Water
- Do not Iron directly on Transfer, iron garment inside out only
- No Bleach
- Check with your dry cleaner before dry cleaning garments with transfers
- Tumble Dry Low or Flat
- Turn garment inside out before washing



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Upfront customer order information needed:

What are the transfers being applied to? Type of garment, bag, cap, etc.

What are the garment fabric contents? Poly/Cotton, Nylon, Poly, etc.

What are the colors of the garments? If transfers have white or light colors in the artwork and the garments are primary colors like black, blue, red, green, then a blocker will be needed in the transfer to prevent the primary color garment from bleeding into the transfer.

Who is applying the transfers? If customer's garment manufacturer is doing applications, Penn will need to talk with them about equipment type, age of equipment, and calibration. If customer is applying, then Penn Technical Support team is available to assist in application.

NOTE: If the fabric is lightweight, has any coatings (FR, wrinkle resistant), open weave, etc., Penn suggests that customer send each garment fabric color sample to Penn for testing.

Penn will test applications in our labs and give feedback on the best application parameters to use.

Customer will be responsible for performing any additional tests necessary to meet end user's requirements.

This information is a suggested guideline only. Penn Emblem makes no representation concerning accuracy of the data.

This product, like any other, should be tested by the user thoroughly under end user conditions to ensure the product meets the particular requirements. Independent results may vary.



FAQ

Are there different PennTrans™ effects available?

Silver & color reflective, metallic, fluorescent/neon, and a variety of effects are available.

Can I request a PennTrans™ sample?

Yes. MOQ: 15 pieces.

Is there a charge for a PennTrans™ sample?

There is no charge for the sample, there is a charge for the freight.

What is the time frame for receiving a PennTrans™ e-sample or physical sample?

E-Sample or Physical Sample, 3-5 business days. If vector artwork is provided, 2-4 business days.



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FAQ

What are acceptable artwork formats?

Vector artwork is preferred. If not available, our Team of Penn Emblem artists will work with your designers to create artwork.

What are the maximum and minimum sizes for PennTrans™ artwork?

Maximum size is 26" x 19". Minimum size is 0.79" x 0.79".

What color palette is available for PennTrans™?

PMS colors are preferred. No limitation on amount of colors used.

How do I place a PennTrans™ order?

Emailing your Penn Emblem Account Manager is preferable for new orders with artwork attached. Repeat orders can be placed through Photocard or EDI.

What is the minimum order size?

25 pieces.

What information is needed to place a sample or regular order for PennTrans™?

- Order Details (ex. quantities, colors, date needed to receive, Bill/Ship to, etc.)
- Artwork (vector artwork is preferred)
- How is garment being laundered (either Home or Industrial)
- Garment type that the transfer is to be applied.
 - Fabric information: Color, Content - ex. cotton, poly, etc., and Fabric Weight

What is the delivery time on PennTrans™ orders?

New and repeat orders-7-14 business days. Dependent on quantities.

Is there a shelf life to PennTrans™?

Store PennTrans™ in a cool, dry place out of direct sunlight and exposure to humidity. Preferable in air conditioned environment. Boxes of PennTrans™ should not be stacked. Shelf life up to 2 years if the above mentioned conditions are correctly followed.

Is PennTrans™ removable?

Not recommended since it could damage the garment and/or leave a nonremovable residue.

Can PennTrans™ be applied onto an existing transfer?

Yes, with a chemical rub over existing transfer. Apply rubbing alcohol. Using a clean lint free cloth, apply the rubbing alcohol to the cloth and give the surface of the existing transfer a good wipe down. When dry, you can over apply a new transfer that is slightly larger than the original. The new transfer should totally cover the existing one and have at least 1-2mm of bleed with direct contact to the fabric. Be extra careful when removing the carrier (especially if hot peel) and repress for a few seconds after. Wash testing is highly recommended.



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FAQ

How do I apply PennTrans™ onto garments?

Please visit the Penn Emblem Website for application specifications or call your Penn Emblem Account Manager.

Can PennTrans™ to be laundered?

Yes, home laundry only. NOTE: An applied transfer must set and cure for 36 hours prior to washing.

Can garments with PennTrans™ be dry cleaned?

Check with your dry cleaner before dry cleaning garments with transfers.

Has there been any testing done for PennTrans™?

Yes. Penn Emblem has done application & wash testing on primary garment types used in the home laundry markets.

Can any heat press machine be used?

Most heat press machines can be used. Automatic presses are perfected to ensure correct pressure. All presses should be calibrated every week to ensure setting accuracy.

For home laundering, what temperature settings (cold, warm or hot) do you use? Can the garments be dried in a clothes dryer?

Do not iron directly on transfer.

How do I know I applied PennTrans™ correctly to the garment?

Follow application and care instructions for PennTrans™ on the Penn Emblem website. Check for any lifting of transfer on the edges after PennTrans™ has been applied. After applying transfer, let cool for 10-12 seconds. NOTE: An outline may appear when applied. The outline will disappear after 1st wash.

What kind of items can PennTrans™ be applied to?

Transfers are to be applied to smooth & flat fabric based surfaces. Will not work on leathers due to the oils. Not recommended for non-porous surfaces. Does not work on Teflon coating.

Is PennTrans™ environmentally friendly?

Yes, only water based technology is used. PennTrans™ conforms to tough OEKO-TEX 100 environmental requirements.





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