

# PENNTRANS™ 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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