



**HEAT PRINTING ON
NYLON, SPANDEX, AND
LYCRA
[WEBINAR]**



Introduction

Agenda

- What is Lycra and Spandex
- Why special adhesion is needed
- Printing Under Armour, Nike and other performance wear
- Printing volleyball uniforms
- Printing yoga pants/leggings
- Printing nylon outerwear
- Optimizing printing costs



What is Lycra, Spandex and Elastane

Spandex, Lycra or elastane is a [synthetic fiber](#) known for its exceptional [elasticity](#). It is a [polyether-polyurea copolymer](#) that was invented in 1958 by chemist [Joseph Shivers](#) at [DuPont's](#) Benger Laboratory

Spandex and Lycra are brand names, but they are all elastane

- *Wikipedia*



- Capable of stretching up to 500% original size
- Maintains shape
- Works well with other fibers often with high content of polyester that will scorch
- Printing must stretch and rebound with fabric
- Best transfer to use – AquaTru®

Heat Printing Performance Wear

Common performance wear brands

- Under Armour
- Nike
- Augusta
- Sport-Tek

Fabric content

- 90/10 Poly/Elastane
- 98/2 Poly/Elastane

For any percentage of elastane, you need a heat transfer that will stretch and rebound



Heat Printing Volleyball Uniforms



Volleyball Uniforms

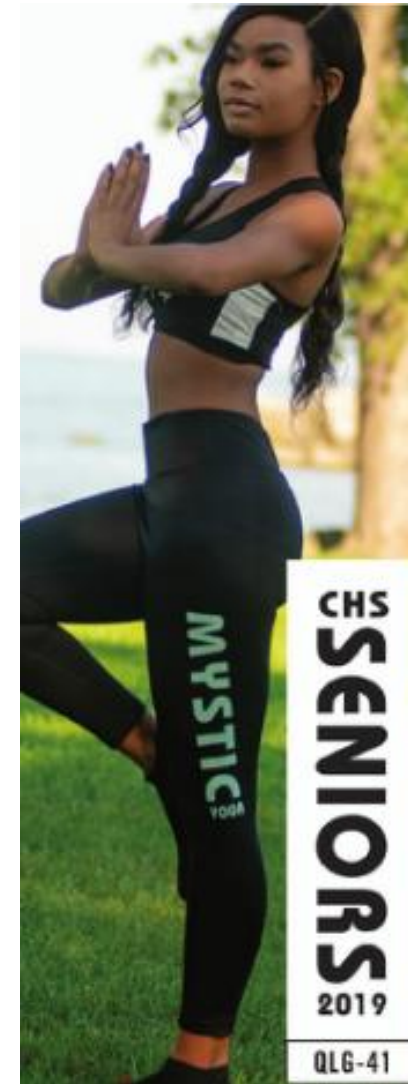
AquaTru® Numbers

- 3 sizes: 4", 6" and 8"
- 3 fonts: Champ, Inline and Avalon
- 6 colors: white, black, gold, navy, red, and royal



Heat Printing Leggings/Yoga Pants

Larger sheet size allows you to print in one application - 19" long



Other Products with Elastane-Swim Suits



Other Products with Elastane-Compression Shorts



Other Products with Elastane-Rash Shirts



Heat Printing Nylon Outerwear



Nylon - synthetic fibers that also require a specific adhesive

Clean edge - no outline needed

Optimizing Pricing

Tips

- Fill the sheet
- Same color or colors
- 2-3 teams with the same order



Layout(s): MAS-169

Standard Sheet Size (12 x 19)

Print Method: Screen Print (\$12.98)

Transfer Type: AquaTru (\$12.98)

Fabric: 100% Polyester

Cut Apart: No (N/A)

Transfer Size: 18.69 x 11.88 in

Number of Colors: 2 (Gold,White)

Background Color: [Dark Blue]

Image Quantity: 50

Add Blocker: No

Order Notes:

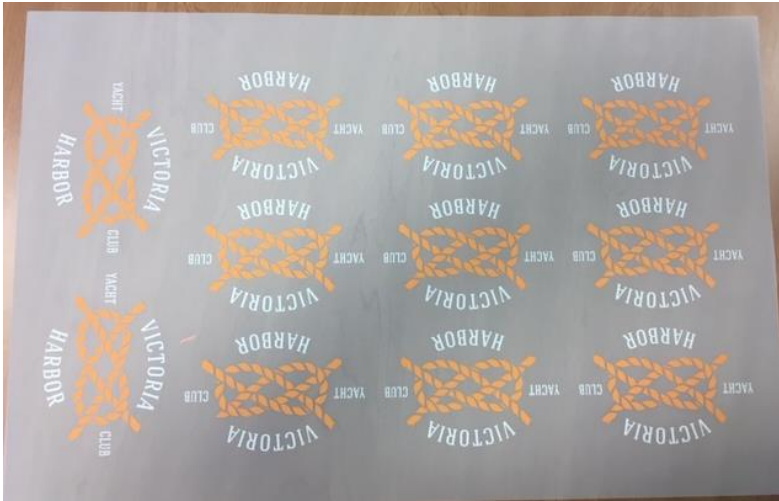
AquaTru Summer Discount: \$129.80

Save \$5.04 per image by using the Stretch Litho print method

Total Price: \$519.20 View Details

Apparel / Share Done

Optimizing Pricing



Next Webinar

Comparing Heat Presses

- Thursday, July 11
- 2:00 pm ET



Thank You For Attending

Do you have more questions?

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