

Excalibur™

Technologically Superior Ink



1550 Series - SportPRO Athletic Ink

- Ideal for Polyester Sports Uniforms and Jersey's
- Highly Bleed Resistant Formulation
- Designed to Have a Very High Stretch
- Very Opaque, Easy Printing and a Soft Hand Feel
- Features a Non-glossy, Matte Finish
- SportPRO Athletic Inks are Phthalate Free

SportPRO is specifically designed for printing onto sport uniforms and jersey's. The new Excalibur SportPRO 1550 Series is ideal for synthetic sport fabrics such as polyester and blended fabrics. SportPRO Athletic Ink has very high opacity and has maximum bleed resistance and also has a very soft hand feel as well as very high stretch. The finish of the ink is matte which is very popular with today's sports jersey's. SportPRO Athletic Inks will be available in standard, opaque spot colors as well as a color matching system.

TECHNICAL INFORMATION

Stencil: A thick stencil is recommended up to 200 microns.

Screen Mesh: Use a screen mesh count of 60 to 110/inch (24T-44T cm).

Printing Method: It is recommended to have a thick ink deposit to prevent dye migration. Although Sport Pro is designed to be bleed resistant, some fabrics and dyes can be troublesome. It is highly recommended to give 2 or more print strokes to build up the ink deposit (print/flash/print) Extra curing time will be required to cure the thick ink deposit. Do not try fully curing by giving extra heat as excessive temperature can cause the dye to bleed or sublimate into the print. 1550 Series Sport Pro Athletic Ink is designed to cure at relatively low temperatures of 290°F to 310°F (143°C to 154°C). Curing trials and bleed resistance should be conducted before commencing production.

SportPRO Product Information is Continued on Page 2...



INTERNATIONAL ENQUIRIES

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For more information about this product, please visit us online at www.lancergroup.com or send us an email to lgsales@lancergroup.com

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TECHNICAL INFORMATION CONTINUED...

Heat Transfers: 1550 Series Sport pro Athletic Ink will make very opaque cold peel heat transfers. The transfer will also have a very soft matte finish. Recommended mesh for opaque transfers is 60 to 80/inch (24T to 32T cm). Transfers should only be semi cured or gelled after printing. It is recommended to use Lancer's H1 or new C57 hot melt powder adhesives to give extra bonding strength. The adhesive is sprinkled on to the wet ink before curing through the oven. Recommended Transfer paper is T75/105 or Tullis CP. Transfers can be applied at 325°F to 350°F (160°C to 175°C) for 10 to 12 seconds and peeled cold. It is possible to apply the transfers at slightly lower temperatures, however extra time may be required. Tests should be conducted on fabrics to determine ideal time/temperature ratio to prevent dye bleed before commencing production.

Ink Cleanup: Use Enviro Series 2000 Green or Enviro Series TR Blend.

COLORS, BASES AND REDUCERS FOR SPORTPRO

Colors: Lemon Yellow, Light Gold, Gold, Orange, Bright Red, Super Red, Fuschia, Violet, Super Royal, Bright Blue, Light Blue, Turquoise, Bright Dallas Green, Fresh Green, Black, Athletic White.

Base and Reducer: 1504 Mixing Base, 1501 Reducer.



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