



2200 EPIC™ RIVAL SPORT LC WHITE

WILFLEX™ Epic RIVAL SPORT LC WHITE is a new technology with improved performance for polyester sports apparel and team sports number printing. Use in combination with the Rival Sport LC Colors for a solution to printing polyesters substrates that require low cure temperature.

RECOMMENDED PARAMETERS

HIGHLIGHTS

- Enhanced opacity
- Low cure, save energy, reduce bleed defects
- Improved cure range
- Improved printability
- Excellent bleed resistance at a wide temperature range



Fabric Types

100% polyester, triblends, polyester blends, cotton/poly blends, Non-woven Polypropylene Bags



Mesh

Count: 86-230 t/in (34-90t/cm)
Tension: 25-35 n/cm2



Squeegee

Durometer: 60/90/60, 70/90/70, 70
Profile: Square, Sharp
Stroke: Hard flood, Fast stroke
Angle: 10-15%



Stencil

2 over 2
Off Contact: 1/16" (2mm)
Emulsion Over Mesh: 15-20%



Flash & Cure

Flash: 160°F (70°C)
Cure: 250°F - 300°F (121°C - 148°C)
Entire ink film



Pigment Loading

N/A



Wilflex™ Additives

ASI Viscosity Buster-1% max



Storage

65-90°F (18-32°C)
Avoid direct sunlight
Use within one year of receipt



Clean Up

Ink degradant or press wash



Health & Safety

Find SDS information here:
www.avient.com/resources/safety-data-sheets
or contact your local CSR

PRINTING TIPS

- Stir inks before printing
- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- Use a printing technique to assure a good ink deposit to maximize bleed resistance and film strength properties
- Rival Sport LC White demonstrates improve printability making it ideal for manual and automatic printing
- Rival Sport LC White is a low bleed ink. For challenging fabrics using sublimation dyes, a bleed blocking underbase such as EPIC Armor LC Gray or Black is required
- Adjust flash cure temperature and dwell time so ink is just dry to touch. Depending on flash unit, a 2 - 3 second flash is adequate.
- Curing is a time and temperature process, a lower oven temperature setting with a slower belt speed while maintaining recommended ink cure temperature is always best to protect fabric, control dye migration and reduce energy consumption
- Rival Sport White can be cured between 250°F - 300°F (121°C - 148°C). Running at the higher end of the temperature range and/or longer dwell times maybe required to achieve proper cure on jobs that contain cotton, high ink deposits or heavy weight garments. Use a setting of 250 on non-stretch, sensitive fabrics, such as polypropylene, Rayon or Denier.
- Suitable for use as an underbase flash white or as a hi-lite white

COMPLIANCE

- Non-phthalate
- For individual compliance certifications and conformity statements, please visit:
www.avient.com/wilflex-compliance

SUSTAINABILITY



Reduced Energy Use

PRECAUTIONS

The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications



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