



2200 EPIC™ TOP SCORE LC WHITE

WILFLEX™ Epic Top Score LC White is a high performance low bleed white ink aimed for polyester sports apparel and team sports number market. Use in combination with the Top Score LC Victory Colors for a solution to printing polyesters substrates that require low cure temperature.

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS



Fabric Types

100% polyester, triblends, polyester blends, cotton/poly blends



Mesh

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



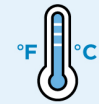
Squeegee

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: 220°F (105°C)
Cure: 260°F - 280°F (127°C - 138°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

HIGHLIGHTS

- High opacity, excellent coverage, brilliant white
- Low cure, save energy, reduce bleed defects
- Excellent stretch
- Suitable for manual and automatic printing
- Excellent bleed resistance at a wide temperature range

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
- Top Score LC White is a full-bodied ink with moderate print stroke speeds. Use hard flood and medium squeegee pressures
- Top Score 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
- Top Score LC White can be cured between 260°F - 320°F (127°C - 160°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.

COMPLIANCE

- Suitable for use as an underbase flash white or as a hi-lite white
- Non-phthalate

PRECAUTIONS



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