wilflex™

Fashion Soft Base LC

PRODUCT INFORMATION BULLETIN

LOW CURE

WILFLEX™ Fashion Soft Base LC is a non-phthalate ink designed as a low viscosity plastisol base to simulate waterbase inks and produce an ultra soft hand feel. Fashion Soft Base LC has the ability to penetrate fabric and become an integral part of the garment. Fashion Soft LC is a low-cure base that can be mixed with colors or whites to soften the hand.

HIGHLIGHTS

- Simulates waterbase fashion soft finish
- Low cure, save energy
- Will not dry in the screen
- Wet-on-wet printing at high production speeds with exceptional resistance to build-up
- Colors reproduce best on white or light grounds. Produce tone-on-tone colors with dark grounds
- Suitable for printing over seams and stitched areas

PRINTING TIPS

- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- For Pigment Concentrate and Equalizer systems - mix 50/50 Fashion Soft Base LC and mixing base per color formula
- For RIO and MX Finished Ink Mixing Systems, use Fashion Soft Base LC as an additive. Recommend 25% Fashion Soft Base LC when using as additive. Adjust the % Fashion Soft LC added based on the strength of the color and color saturation desired
- Mix with highlight white for optimize screen clearance on finer mesh
- Mix with base white (suggest up to 50% by weight) and use as first down to seal fabrics and improve fiber matte down
- 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
- Fashion Soft Base can be cured between 270°F - 320°F (132°C - 160°C)

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

RECOMMENDED PARAMETERS

Fabric Types

100% cotton, blends, some synthetics

Mesh

Count: 230-305 t/in (91-120 t/cm)
Tension: 25-35 n/cm2

Squeegee

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

Stencil

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

Flash & Cure

°F °C

Flash: 220°F (105°C)
Cure: 270°F - 320°F (132°C - 160°C)

Pigment Loading

N/A

Wilflex™ Additives

NA

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

AVIENT™ AVIENT SPECIALTY INKS

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