



10340PFXFSB EPIC™ FASHION SOFT BASE

PRODUCT INFORMATION BULLETIN



WILFLEX™ Epic Fashion Soft Base 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 has the ability to penetrate fabric and become an integral part of the garment. Fashion Soft is a low-cure base that can be mixed with colors or whites to soften the hand.

RECOMMENDED PARAMETERS

HIGHLIGHTS

- Simulates waterbase fashion soft finish
- Will not dry in the screen
- Colors reproduce best on white or light grounds. Produce tone-on-tone colors with dark grounds
- Low cure, save energy
- Wet-on-wet printing at high production speeds with exceptional resistance to build-up
- 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 and mixing base per color formula
- For RIO and MX Finished Ink Mixing Systems and Wilflex Standard Colors, use Fashion Soft Base as an additive. Recommend 25% Fashion Soft Base when using as additive. Adjust the % Fashion Soft 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)

Fabric Types
100% cotton, blends, some synthetics

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

Squeegee
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
Flash: 220°F (105°C)
Cure: 270°F (132°C)
Entire ink film

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

COMPLIANCE

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

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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