



Fashion Soft Base

WILFLEX™ 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.

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 and mixing base per color formula
- For RIO and MX Finished Ink Mixing Systems, 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)

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

SUSTAINABILITY



Reduced
Energy Use

PRODUCT INFORMATION BULLETIN



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



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



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