

AVIENT SPECIALTY INKS

PRODUCT INFORMATION BULLETIN



11000 INFINITE FX STRETCH WHITE

11000 INFINITE FX STRETCH WHITE is a non-phthalate, low cure plastisol ink with exceptional stretch and adhesion properties. Stretch Base can be used as a first-down base, mixing base or as an additive to increase elongation properties of any of our inks across all brands.

HIGHLIGHTS

- ▶ Low-cure, save energy
- ▶ Ideal for heat sensitive or stretch fabrics
- ▶ Superior adhesion to fabrics, stretch properties, and wash durability

PRINTING TIPS

- ▶ Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- ▶ 11000 INFINITE FX STRETCH WHITE can be cured between 270°F - 320°F (132°C - 160°C)
- ▶ Use a printing technique to assure a good ink deposit to maximize stretch and film strength properties
- ▶ 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
- ▶ 11000 INFINITE FX STRETCH WHITE is not a low-bleed ink; when printing on fabrics that are prone to bleed use in combination with an approved Avient low bleed white and/or blocker

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

RECOMMENDED PARAMETERS

Fabric Types



100% cotton, blends, acrylic, nylon, some synthetics

Mesh



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

Squeegee



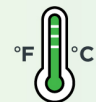
Durometer: 60/90/60, 60-70
Profile: Square, Sharp
Stroke: Hard flood, Medium stroke
Angle: 10-15%

Stencil



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

Flash & Cure



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

Pigment Loading



N/A

Additives



ASI K2910 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



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