

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 WILFLEX low bleed white and/or blocker

COMPLIANCE

- ▶ Non-phthalate

PRECAUTIONS

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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