

# 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 Wilflex inks. Available in stretch white and black standard colors.

#### 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
- ▶ For individual compliance certifications and conformity statements, please visit: [www.avient.com/wilflex-compliance](http://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/cm<sup>2</sup>



##### 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 (132°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](http://www.avient.com/resources/safety-data-sheets)  
or contact your local CSR



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