



### ASI Stretch White LC

ASI Stretch White LC is a non-phthalate, low cure plastisol ink with exceptional stretch and adhesion properties. ASI Stretch White LC 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.

### RECOMMENDED PARAMETERS

#### HIGHLIGHTS

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

**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 - 320°F (132°C - 160°C)  
Entire ink film



**Pigment Loading**  
N/A



**Additives**  
ASI 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



#### PRINTING TIPS

- ▶ Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- ▶ ASI Stretch White LC 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
- ▶ ASI Stretch White LC 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](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



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