



# AVIENT SPECIALTY INKS

## ASI Cork Base

ASI Cork Base is specifically formulated to simulate the texture of cork. The ink surface is soft to the touch, yet highly durable and stretchable. ASI Cork Base can be used in all types of printing applications including high, medium, and low density prints.

### HIGHLIGHTS

- ▶ Elevated smooth, cork effect texture
- ▶ Use by itself or intermix with other ASI Bases for unlimited design effects
- ▶ Tintable for infinite color combinations
- ▶ Suitable for high density or conventional flat screens
- ▶ Excellent adhesion to fabrics, stretch properties, and wash durability

### PRINTING TIPS

- ▶ Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results. Recommended mesh counts can vary depending on particle size
- ▶ For best HD results, use open mesh counts with 200 - 400 micron capillary film and print-flash-print. Use a heavy flood to fully fill the open areas of the stencil with ink then print with medium squeegee pressure
- ▶ Best when printed over a flash-dried underbase but suitable to be printed direct
- ▶ Adjust off-contact to imprint mesh patterns into Sculpture Base for textured feel and unique design effect
- ▶ Tintable with plastisol colorants. See Pigment Loading section for suggested starting tinting percentages. Reduce the amount of white colorant in the formula as specialty base will lighten the color
- ▶ Adjusting cure temperature and dwell time will yield a variety of textured effects

### COMPLIANCE

- ▶ Non-phthalate
- ▶ For individual compliance certifications and conformity statements, please visit [www.avientspecialtyinks.com/services/compliance-support](http://www.avientspecialtyinks.com/services/compliance-support)

### 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



AVIENT  
SPECIALTY  
INKS

V1.09 (Modified: 06/03/2025)

## PRODUCT INFORMATION BULLETIN



### RECOMMENDED PARAMETERS



#### Fabric Types

100% cotton, cotton blends, some synthetics



#### Mesh

Count: 86-230 t/in (34-91 t/cm)  
Tension: 25-35 n/cm<sup>2</sup>



#### Squeegee

Durometer: 70/90/70, 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% or 200-400 micron



#### Flash & Cure

Flash: 220°F (105°C)  
Cure: 320°F (160°C)



#### Pigment Loading

up to 10% Wilflex PC  
up to 15% Wilflex EQ  
up to 30% Wilflex MX/RIO  
up to 15% Rutland C3 Boosters



#### Additives

ASI Viscosity Buster - 1% max  
ASI Viscosity Buster LC - 1% max



#### Storage

65-90°F (18-32°C)  
Avoid direct sunlight  
Use within one year of receipt



#### Clean Up

Dispose unused ink responsibly. Standard plastisol cleaners, press wash, or ink degradant



#### 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