



AVIENT SPECIALTY INKS

ASI Cotton White

ASI Cotton White is a cost-effective, easy printing white ink for cotton. ASI Cotton White is designed for applications on 100% cotton fabrics and long production runs on automatic presses.

HIGHLIGHTS

- ▶ Non-phthalate formulation
- ▶ Excellent for vector graphics
- ▶ Cost-effective alternative, with excellent printability and no viscosity modifications necessary.
- ▶ Good shelf stability, low tack formulation for fast shearing action.

PRINTING TIPS

- ▶ To calibrate your squeegee stroke and pressure on an automatic press, set your print head for two strokes.
- ▶ Use a printing technique to assure a good ink deposit for best durability
- ▶ Stir inks before printing
- ▶ Designed to perform with a smoothing screen

COMPLIANCE

- ▶ Internationally compliant
- ▶ <https://www.avientspecialtyinks.com/services/compliance-support>
- ▶ Non-phthalate

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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V1.40 (Modified: 06/06/2025)

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS



Fabric Types

100% Cotton



Mesh

Count: 86-230
Tension: 18n-25n/cm3



Squeegee

Durometer: 70, 65/90/65, 60/90/60
Profile: Square
Stroke: 2+
Angle: 10-15%



Stencil

Standard Emulsion
Off Contact: 1/16" (2mm) or greater
Emulsion Over Mesh: 15-20%



Flash & Cure

Flash: 140-150°F on pre-heated pallets
Cure: 320°F (160°C)



Pigment Loading

N/A



Additives



Storage

65 -95° F (18 -35°C) Avoid direct sunlight



Clean Up

Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant



Health & Safety

Find SDS information here:
www.avient.com/resources/safety-data-sheets
or contact your local CSR