

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
- Non-phthalate

https:// 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

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

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

2024. Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability or either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.