



AVIENT SPECIALTY INKS

ASI Flocking Adhesive

ASI Flocking Adhesive is a press ready plastisol adhesive for printing on Cotton, Cotton Blends and Polyester substrates where flocking image is desired.

HIGHLIGHTS

- Maximum adhesion to fabric and flock fibers
- Ready-for-use viscosity specifically formulated for application to fabric substrates
- Tintable with plastisol colorants

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
- Use a print technique to adjust the flood bar to just transfer the ink from the front to the back of the screen.
- Transfer ink to the fabric surface with a light squeegee pass using just enough pressure to clear the mesh
- Tintable with plastisol colorants. See Pigment Loading section for suggested tinting percentages.
- Adjust the % colorant added based on the strength of the colorants and color saturation desired
- Apply the flock fibers onto the wet flock adhesive that has been printed substrate
- Secure the flock fibers onto the flock adhesive at a cure temperature of 320°F (160°C). The adhesive of the base is increased as the adhesive cools

COMPLIANCE

- Non-phthalate
- For individual compliance certifications and conformity statements, please visit 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



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V1.26 (Modified: 06/03/2025)

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS



Fabric Types

Cotton, Cotton Blends, Polyester



Mesh

Count: 86-110 t/in (34-43 t/cm)
Tension: 25-35 n/cm2



Squeegee

Durometer: 70
Profile: Square, Sharp
Stroke: Light flood, Light stroke
Angle: 10-15%



Stencil

2 over 2
Off Contact: 1/16" (.2cm)
Emulsion Over Mesh: 15-20%



Flash & Cure

Flash: NA
Cure: 320°F (160°C)



Pigment Loading

upto 15% Wilflex PC
upto 30% Wilflex EQ
up to 30% Rutland C3 Boosters



Additives

N/A



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
or contact your local CSR