



ASI Foil Resist Additive

Mix ASI Foil Resist Additive with most plastisol inks to create a printable ink that resists foil adhesion. Used correctly, ASI Foil Resist Additive should have minimal impact on the ink's normal printing parameters.

HIGHLIGHTS

- Works with a variety of fabrics and plastisol inks, excluding white inks.
- Produces a soft, smooth surface.
- Effectively resists foil adhesion.
- Easily mixes into plastisol inks.

PRINTING TIPS

- Mix up to 10% by weight into plastisol inks.
- Ensure that K2980 Foil Resist Additive is thoroughly mixed into ink(s) before printing.
- Inks mixed with ASI Foil Resist Additive can also be used for non-foil printing applications.
- When possible, print and flash foil adhesive inks before printing foil resist colors. Printing foil resist colors last in the sequence will reduce exposure to flash heat and adhesion to other screens.
- Colors mixed with ASI Foil Resist Additive should be printed wet-on-wet whenever possible to reduce the potential of overheating the ink.

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



V1.06 (Modified: 05/16/2025)

RECOMMENDED PARAMETERS

Fabric Types



100% cotton, cotton/poly blends

Mesh



Count: 86-305 t/in (34-120 t/cm)
Tension: 25-35 n/cm²

Squeegee



Durometer: N/A
Profile: N/A
Stroke: N/A
Angle: N/A

Stencil



N/A
Off Contact: 1/16" (.2 cm)
Emulsion Over Mesh: N/A

Flash & Cure



Flash: N/A
Cure: N/A

Pigment Loading



N/A

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