

AVIENT SPECIALTY INKS

PRODUCT INFORMATION BULLETIN



K2980 FOIL RESIST ADDITIVE

Mix Avient™ Specialty Inks K2980 Foil Resist Additive with most plastisol inks to create a printable ink that resists foil adhesion. Used correctly, K2980 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.
- › Effectively resists foil adhesion.
- › Easily mixes into plastisol inks.
- › Produces a soft, smooth surface.

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 K2980 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 K2980 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

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



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