

AVIENT SPECIALTY INKS

PRODUCT INFORMATION BULLETIN



K2585 INFINITE FX HALFTONE BASE

Avient™ Specialty Inks K2585 INFINITE FX HALFTONE BASE is a non-phthalate ink designed to produce Process and Fluorescent colors. Halftone Base can be colored using our Infinite FX Process Colors.

HIGHLIGHTS

- ▶ Satin or matte finish
- ▶ Prints easily through recommended meshes
- ▶ Excellent flash properties
- ▶ Will not dry in the screen

PRINTING TIPS

- ▶ Recommended for use with pigment concentrates at 10% max by weight
- ▶ For cotton fabrics, underbase with a plastisol cotton white
- ▶ For bleed resistance, use an underbase LB or poly white

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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V1.05 (Modified: 05/20/2022)

RECOMMENDED PARAMETERS



Fabric Types

100% cotton, cotton blends, polyester, some synthetics



Mesh

Count: 230-305 t/in (91-120 t/cm)
Tension: 25-35 n/cm²



Squeegee

Durometer: 60-70, 60/90/60
Profile: Square, Sharp
Stroke: Hard flood, Medium stroke
Angle: 10-15%



Stencil

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



Flash & Cure

Flash: 160°F (70°C)
Cure: 320°F (160°C)



Pigment Loading

up to 10% Wilflex PC/EQ
up to 25% Wilflex RIO / MX
up to 10% Rutland C3 Boosters
up to 25% Rutland M3



Additives

K2910 Viscosity Buster - 1% max



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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