

# 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. Epic Halftone Base can be colored using Epic PCs, Epic EQs and Epic MX to create multiple color variations

#### 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](http://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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V1.04 (Modified: 04/18/2022)

#### 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/cm<sup>2</sup>



##### 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](http://www.avient.com/resources/safety-data-sheets)  
or contact your local CSR

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