

ASI Halftone Base

ASI Halftone Base is a non-phthalate ink designed to produce Process and Fluorescent colors. ASI Halftone Base can be used with any of our Pigments and Boosters or as an additive with our finished inks when printing fine detail with high mesh counts.

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

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

ASI 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

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



AVIENT SPECIALTY INKS

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