

EV0541 EV OPAQUE BASE


Rutland™

EV0541 EV HO Base is formulated as a press-ready non-phthalate plastisol base for mixing colors using C3 NPT Color Boosters and printing on 100% Cotton or over a NPT low bleed underlay when printing on poly/cotton blends.

Highlights

- Short body and very low wet tack for easy printing with no build-up
- Fast shearing action means higher press speeds
- Easy to use, helps maintain printable viscosity when mixed with C3 Color Boosters

Printing Tips

- Mix EV0541 EV HO Base with C3 Color Boosters and print directly onto substrates.
- EV0541 is normally printed through mesh ranges from 86-230 t/in. (34-90 t/cm) Recommend 70-80 Durometer squeegee with sharp edge for maximum definition.

Compliance

- Non-phthalate
- Internationally compliant
- Visit <https://www.avientspecialtyinks.com/services/compliance-support>

Precautions

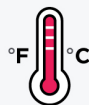
- The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications.

Recommended Parameters



Fabric Types

Cotton



Flash & Cure

Flash: 140-150°F on pre-heated pallets
Cure: 320°F



Clean Up

Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant



Mesh

Count: 86-230 t/in
Tension: 25n/cm3



Pigment Loading

C3 Color Boosters



Health & Safety

Find SDS information here:
www.avient.com/resources/safety-data-sheets or contact your local CSR



Squeegee

Durometer: 70,80
Profile: Square
Stroke: 1+
Angle: 15-20%



Additives



Stencil

Standard Emulsion
Off Contact: 1/16" (2mm) or greater
Emulsion Over Mesh: 15-20%



Storage

65 -95° F (18 -35° C)
Avoid direct sunlight.
Use within one year of receipt.
Keep container well sealed.



AVIENT
SPECIALTY
INKS

V4.05 (Modified: 08/17/2023)

2023, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.