

RUTLAND C3 INKS

Rutland™

Rutland C3 Color Booster mixing system is a single pigmented color system with built in binders. Rutland offers a full range of additives to make this versatile and adaptive system a go-to for high output shops that have to maintain strict color matches as well as smaller custom shops that wish to explore print options that will distinguish them from competitors.

Highlights

- No need to worry about pigment overload with these concentrates.
- C3 color boosters may be used at up to 50% in Rutland's NPT bases to mix non-phthalate printing inks.
- C3 Color Boosters directly replace both the EB and CB products.
- Concentrated single pigment primary colors Non-phthalate for mixing environmentally safe plastisol inks.
- Low crock and matte finish when mixed in Rutland NPT HO Matte Base. Use Rutland's NPT VO Base for maximum opacity.

Compliance

- Internationally compliant
- Non-phthalate
- <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.

Printing Tips

- Go to <http://p1ims.azurewebsites.net/Account/Login> for color formulas.
- For extremely soft-hand prints, mix finished color (C3 plus base) with up to 1:1 with NPT Chino Base
- Printing on Dark Garments or over an underlay: Mix per formulation or custom blend to achieve brilliant colors over an underlay.
- Use the Rutland NPT Low Bleed White on poly/cotton blends and the NPT Barrier base when printing on 100% polyester.
- Puff designs: Mix up to 30% of 2982 FlexiPuff Additive to any formulated Color (C3 plus base) to create a puff ink.
- C3 Colors™, bases, modifiers and additives should be mixed in clean vessels using clean mixer blades and utensils. Any contamination from other ink sources or non-approved additives could make Rutland Colors test positive for the restricted phthalates.

Recommended Parameters

 Fabric Types Base dependent	 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: Base dependent Tension: 18-35n/cm3	 Pigment Loading C3 Pigments	 Health & Safety Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
 Squeegee Durometer: 60, 70, 80, 70/90/70, 60/90/60 Profile: Square Stroke: 1+ Angle: 10-20%	 Additives Read about our full range of additives at: www.Rutlandinc.com	<p>2021, 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.</p>
 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	
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