

MIXE - MIXOPAKE MIXING SYSTEM



Mixopake Pantone certified color matching system, is a versatile, easy to print, high opacity finished ink mixing system intended for simulating PANTONE colors on colored garments.

Highlights

- MIXE allows you to create color matches with the Mixopake chemistry.
- MIXE colors can be printed with out an under base on dark garments. Simply print flash print until desired color value is reached.
- For softer prints on light colored garments or under base plates, extend MIXE colors 1:1 with Union MIXE9070 EF MIXO SOFT HAND BASE
- For hybrid Plasticharge colors, combine your MIXE formula 1:1 with DSPCHE907 Plasticharge Additive activating with 6% ZFS Powder.

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

- Use any direct emulsion or capillary film compatible with plastisol inks.
- We do not recommend reducing Mixopake inks when printing on dark fabrics as this will reduce the opacity of the finished print. If necessary, reduce with 5-10% of Reducer (PLRE-9000).
- When printing on light colored fabrics you may add Extender Base or Soft-hand Base in a ratio of one to one base to one part ink. If build-up on the back of the screen becomes a problem, add 1-2% by weight of Flow Control Additive (MIXO/MIXE-9020).
- Color Mixing Instructions: The formulas and instructions for simulating the standard PANTONE • colors and the Union Ink standard colors are available free after registering on our web page @ www.unionink.com.
- For excellent results on cotton / polyester blended fabrics, substitute MIXE Low Bleed colors for the standard Mixopake colors. Alternately, the regular colors can be printed over a low-bleed under base white such as PLHE-1070 /1075 Diamond and Brite low bleed whites.

Recommended Parameters

 Fabric Types Cotton and some blends	 Flash & Cure Flash: Pre-heat pallets Cure: 300°F	 Clean Up Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant
 Mesh Counts: 60-230 Tension: 25n/cm3	 Pigment Loading MIXE finished colors	 Health & Safety Find safety information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
 Squeegee 70, 70/90/70,60/90/60 Profile: Square Stroke: 1-2 Angle: 10-15%	 Additives MIXE9070 SOFT HAND BASE DSPCHE907 Plasticharge Additive NYBE9120 Nylobond PLRE9000 Reducer	<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 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: 15-25%	 Storage 65°-90° F (18°-32° C) Avoid direct sunlight	
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