












PADE MAXOPAKE INKS

Maxopake is our highest opacity ink series. A limited variety of bleed-resistant formulations are available for cotton/polyester blends. Mixopake is the Maxopake Pantone system.



Highlights

-  MAXO 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 MIXO colors 1:1 with Union MIXE9070 EF MIXO SOFT HAND BASE.
-  For hybrid Plasticharge colors, combine your MIXO ink 1:1 with DSPCHE907 Plasticharge Additive activating with 5-6% ZFS powder.


Printing Tips

-  Use any direct emulsion or capillary film compatible with plastisol inks.
-  We do not recommend reducing Maxopake inks when printing on dark fabrics as this will reduce the opacity of the finished print. If necessary, reduce with 5-10% of Reducer (PLRE9000).
-  When printing on light colored fabrics you may add soft hand base 1:1 to Maxo/Mixo inks.
-  Maxo/Mixo colors can be printed over a low-bleed under base white such as PLHE1070 /1075 Diamond and Brite low bleed whites. Overprint Mixopake inks through 140-305 (55-120 metric) monofilament mesh.
-  If build-up on the back of the screen becomes a problem, add 1-2% by weight of Flow Control Additive (MIXO/MIXE-9020).
-  CAUTION: High opacity inks may crock. Red pigmented inks are especially subject to this problem. To control or reduce crocking, add Extender Base (PLUE9090). Always test this product for curing, adhesion, crocking, opacity, washability and other specific requirements before using in production.












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 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 Count: 60-230 Tension: 25n/cm3	 Pigment Loading N/A	 Health & Safety Find safety information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
 Squeegee Durometer: 70, 60/90/60 Profile: Square Stroke: 1 for dark color inks. 2 for light color inks. Angle: 10-15%	 Additives MIXE9070 SOFT HAND BASE DSPCHE907 Plasticharge Additive NYBE9120 Nylobond PLRE9000 Reducer	<p>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.</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. Use within one year of receipt. Keep container well sealed.	
	AVIENT SPECIALTY INKS	V4.00 (Modified: 02/07/2023)