



## PLHE1050 MERCURY LB WHITE

Mercury Low Bleed White PLHE1050 is designed for maximum smoothness and opacity on cotton (pre-test for potential to ghost) and poly/cotton fabrics. Mercury LB White has excellent to superior matting characteristics and a creamy consistency with low tack on cotton/poly blends and tri-blends. PLHE1050 is fast flashing allowing for shorter dwell times and faster production rates. Its opacity coverage and bleed resistance are all good to great. Mercury's boutique finish is capable of extremely high detail making it the best choice for printing spongy or super soft blends that fibrillate easily

## Highlights

- U Matte finish with satin hand
- U Fantastic on tri-blends and boutique weight fabrics
- U Multipurpose low bleed white ink with great bleed resistance
- U Provides maximum smoothness and opacity
- U High detail with low to almost no puff
- U Matches other whites from "Stellar Series Whites"

## Printing Tips

- U Pre-shear ink on a turn-about style machine or by hand before use.
- U Mercury White cures best with Infra-red or Gas heat.
- U Pre-heat pallets ~ 140°F
- U It is best to pre-heat your pallets well when using quartz flashes.
- U Mercury ink cures when the entire ink film thickness has reached 320°F for 6 seconds.
- U When curing with a quartz style dryer it is often helpful to enable the "flash" feature to maintain constant heat garment-to-garment.
- U It is common for low bleed inks to expand and push the lid off of the product bucket, simply stir the ink back down.

## Compliance

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

## Precautions

- U 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

<b>Fabric Types</b> Blends and Cotton	<b>Flash &amp; Cure</b> Flash: Pre-heat pallets ~ 140°F Cure: 60 seconds at 300°F (148°C)	<b>Clean Up</b> Standard plastisol cleaners, press wash, or ink degradant
<b>Mesh</b> Count: 86-230 t/in Tension: 18-35n/cm3	<b>Pigment Loading</b> Not recommended	<b>Health &amp; Safety</b> Find safety information here: <a href="http://www.avient.com/resources/safety-data-sheets">www.avient.com/resources/safety-data-sheets</a> or contact your local CSR
<b>Squeegee</b> Durometer: Medium: 70 or 60-90-60 Profile: Square Stroke: x2 stroke, medium speed Angle: 10-20%	<b>Additives</b> K2940 Hugger Catalyst	2025, 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.
<b>Stencil</b> Standard Emulsion Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%	<b>Storage</b> 65 -95° F (18 -35° C) Avoid direct sunlight. Use within one year of receipt. Keep container well sealed.	
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