

# XOLB159 GLACIER PLUS WHITE



XOLB159 Glacier Plus White combines all the best features of the Glacier low bleed series of white inks while holding excellent dot and fine line detail. XOLB159 has a very short body that shears apart quickly resulting in a super creamy ink. XOLB159 is a thicker, creamier version of XOLB158 with even higher bleed resistance making it an excellent low bleed ink. Glacier Plus has excellent opacity, coverage, printability, fiber mat down, and it is QCM's best dye blocking white ink.

## Highlights

- XOLB159 Glacier Plus White has a soft, creamy consistency that is very easy to print, but also has very high opacity.
- Designed for a wide selection of blends.
- Soft, creamy and easy to print. It has excellent opacity, good flash times and that incredible "whiteness."
- Premium general purpose low-bleed.
- High detail increasing with mesh count.

## Printing Tips

- Screen meshes in the range of 86-280 t/in (34-110 t/cm) are recommended for best opacity. Glacier Plus White will print through up to a 305 t/in (120 t/cm) with excellent opacity.
- Glacier Plus White is a ready-to-use ink. Modification is not necessary unless you're trying to achieve a special effect or use. Any extenders will affect opacity. Glacier Plus White has excellent shelf life and, with cool storage, will maintain its creamy consistency.
- Depending on your flash unit, Glacier Plus White will flash in 3 seconds when at 10 watts per sq. in/heating area (per sq. 2.54cm/heating area) or in 4-5 seconds when at 6-7 watts per sq. in. /heating area (per sq. 2.54cm/heating area).
- Cure at 325°F (162°C) over a 60-90 second period, depending on oven type and thickness of ink deposit. A thicker deposit will take longer to cure as the heat must penetrate through the entire ink layer.
- XOLB159 Glacier Plus White is a low bleed ink. When printing on garments that contain certain dyes, pre-test for the potential of ghosting.
- Use just enough squeegee pressure to deposit the ink on the surface of the shirt. This enhances opacity and helps ensure a good cure. Try not to drive the ink into the fabric. Squeegees in the 70 durometer range, with a sharp edge, work well.
- If using lower tension screens, adjust off contact accordingly.


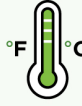








## Compliance

- 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.

## Recommended Parameters

 <p><b>Fabric Types</b> Cotton, Cotton Polyester Blends</p>	 <p><b>Flash &amp; Cure</b> Flash: 140-150°F on pre-heated pallets Cure: 320°F/160°C</p>	 <p><b>Clean Up</b> Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant</p>
 <p><b>Mesh</b> Count: 86-280 t/in (34-110 t/cm) Tension: 25n/cm3</p>	 <p><b>Pigment Loading</b> N/A</p>	 <p><b>Health &amp; Safety</b> Find SDS 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</p>
 <p><b>Squeegee</b> Durometer: 70, 60/90/60 Profile: Square Stroke: 2, 2/F/1 Angle: 10-15%</p>	 <p><b>Additives</b> K2915 CURABLE REDUCER K2940 HUGGER CATALYST</p>	<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>
 <p><b>Stencil</b> Standard Emulsion Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%</p>	 <p><b>Storage</b> 65 -95° F (18 -35° C) Avoid direct sunlight. Use within one year of receipt. Keep container well sealed.</p>	



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V3.15 (Modified: 08/18/2023)