

# PLRE9000 CUREABLE REDUCER



PLRE9000 is a Curable Reducer that can be added at any amount to a mixed ink to reduce the viscosity for easier printing or to allow the ink to penetrate the fibers more completely for a softer feel.

## Highlights

- General recommendation is to start with 5% addition and continue adding until the desired viscosity is reached.

## Printing Tips

- It is not advisable to add Curable Reducer to low-bleed or polyester inks. Doing so may compromise the ink's dye blocking ability.
- Consider vigorously hand mixing or placing the ink on a mixing table to "pre-shear" the ink before adding Curable Reducer.
- If you find that Curable Reducer is absolutely needed in a low-bleed or polyester ink, only add in 1% increments making sure to test cure and dye stability.
- You may find that the ink simply needed to be sheared. If you find that Curable Reducer is absolutely needed in a low-bleed or polyester ink, only add in 1% increments making sure to test cure and dye stability.
- Avoid using powered drills to mix ink as the friction heat may cause the ink to semi-cure making the ink body thick and difficult to print.












## 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

 <b>Fabric Types</b> Other	 <b>Flash &amp; Cure</b> Flash: Pre-heat pallets Cure: 300F°	 <b>Clean Up</b> Standard plastisol cleaners, press wash, or ink degradant
 <b>Mesh</b> Counts: N/A Tension: N/A	 <b>Pigment Loading</b> N/A	 <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> N/A Profile: N/A Stroke: N/A Angle: N/A	 <b>Additives</b> N/A	<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>
 <b>Stencil</b> N/A Off Contact: N/A Emulsion Over Mesh: N/A	 <b>Storage</b> 65 -95 F° (18 -35 C°) Avoid direct sunlight	
	AVIENT SPECIALTY INKS	V1.00 (Modified: 03/08/2021)