



ULTRASOFT INKS (PLUE)

Union Ultrasoft Inks (PLUE) are ideal for manual and automatic printing, delivering a soft, vibrant finish.

Highlights

- U Ultrasoft inks are designed to give soft feel, vibrant prints on light colors or on an under base.
- U Ultrasoft inks are formulated to be used as a Hot-Spilt transfer.

Printing Tips

- U Do not use any additives when using Ultrasoft for plastisol transfer production.
- U Ultrasoft inks will fully cure when the entire thickness of the ink deposit reaches 300° F (149° C).
- U Curing heat transfers: Ultrasoft ink will semi-cure or gel when it reaches 240°F - 250° F (115°C - 121° C).
- U To decrease after-flash tack increase mesh.


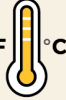








Compliance

- 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

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|--|--|---|
|  <p><b>Fabric Types</b><br/>Cotton</p>   |  <p><b>Flash &amp; Cure</b><br/>Flash: Pre-heated pallets<br/>Cure: 300°F</p>   |  <p><b>Clean Up</b><br/>Standard plastisol cleaners, press wash, or ink degradant</p>  |
|  <p><b>Mesh</b><br/>Count: 86-305 t/in<br/>Tension: 25n/cm3</p>  |  <p><b>Pigment Loading</b><br/>N/A</p>  |  <p><b>Health &amp; Safety</b><br/>Find safety information here:<br/><a href="http://www.avient.com/resources/safety-data-sheets">www.avient.com/resources/safety-data-sheets</a><br/>or contact your local CSR</p>  |
|  <p><b>Squeegee</b><br/>Durometer: 60/90/60, 70/90/70,70, 80<br/>Profile: Square<br/>Stroke: 1<br/>Angle: 10-15%</p> |  <p><b>Additives</b><br/>PLUE-9040 Hot Split Additive</p>   | <p>2024, 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><br/>Standard Emulsion<br/>Off Contact: 1/16" (2mm) or greater<br/>Emulsion Over Mesh: 15-20%</p>  |  <p><b>Storage</b><br/>65 -95° F (18 -35° C)<br/>Avoid direct sunlight.<br/>Use within one year of receipt.<br/>Keep container well sealed.</p> |   |