










## PLUE - ULTRASOFT INKS

Union Ultrasoft inks are ideal for manual and automatic printing, delivering a soft, vibrant finish.




### Highlights

-  Ultrasoft inks are designed to give soft feel, vibrant prints on light colors or on an under base.
-  Ultrasoft inks are formulated to be used as a Hot-Spilt transfer.
-  To create in-house Pantone matches with the same great feel of Ultrasoft, use the Union Ink Unimatch system.


### Printing Tips

-  Do not use any additives when using Ultrasoft for plastisol transfer production.
-  Ultrasoft inks will fully cure when the entire thickness of the ink deposit reaches 300° F (149° C).
-  Metallic inks are not recommended for transfer application.
-  Curing Heat Transfers: Ultrasoft ink will semi-cure or gel when it reaches 240°F - 250° F (115°C - 121° C). For more information on transfers, see the general information Technical Data Sheets.
-  To decrease after-flash tack increase mesh.
-  Recommended additives: PADS-E9095 Soft Hand Base / PLRE-9000 Reducer/Detackifier / PLUE-9030 Metallic Clear Base PLUE-9040 Hot Split Additive / PLUE-9090 Extender Base / PLUE-9100 Conc. Viscosity Reducer PLUE-9114 Plastisol Thickener











### Compliance

-  Internationally compliant
-  Non-phthalate
-  <https://specialty-inks.upwardsites.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</p>	 <p><b>Flash &amp; Cure</b> Flash: Pre-heated pallets Cure: 300F</p>	 <p><b>Clean Up</b> Standard plastisol cleaners, press wash, or ink degradant</p>
 <p><b>Mesh</b> Counts: 86-305 Tension: 25n/cm3</p>	 <p><b>Pigment Loading</b> N/A</p>	 <p><b>Health &amp; Safety</b> SDS: <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> 60/90/60, 70/90/70, 70, 80 Profile: Square Stroke: 1 Angle: 10-15%</p>	 <p><b>Additives</b> See Printing Tips</p>	<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>
 <p><b>Stencil</b> Standard Emulsion Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%</p>	 <p><b>Storage</b> 65°-90° F (18°-32° C) Avoid direct sunlight</p>	