




PLUE1020 ULTRASOFT SUPER OPAQUE WHITE

Union Ink










Ultrasoft White is belongs to the Ultrasoft series of Union inks ideal for producing soft prints on soft cotton and cotton blends. This ink offers medium to high opacity dependent on screen mesh. Fiber mat down and coverage are good while the ink body is creamy with a fast flash time, excellent printability, and pure white pigment. Ultrasoft white can be used in place of mixing white in the Unimatch mixing system.

Highlights

-  Versatile and compatible with other Union Ultrasoft inks.
-  Creamy and easy to print on most fabrics with a very soft hand.
-  No non-sense and easy to use, this ink is also adaptable.


Printing Tips

-  Pre-shear ink on a turn-about style machine or by hand before use.
-  Use any direct emulsion or capillary film compatible with plastisol inks.
-  Thickness of ink deposit directly relates to dye migration blocking ability.
-  This ink can be combined with Plasticharge to make a vintage style hybrid plasticharge white.
-  If you desire more opacity and body, consider Union's E-Z Print White PADE1062.
-  For improved adhesion to Nylon or other tightly woven fabrics add Nylobond at 10-15% by weight to promote adhesion to tightly woven synthetic fabrics.
-  PLUE9090 Extender base, PLRE9000 Curable Reducer, and DSPCHE907 Plasticharge Additive & ZFS are all compatible with this product.












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

 Fabric Types Cotton	 Flash & Cure Flash: Pre-heated pallets Cure: 60 seconds at 300°F (148°C)	 Clean Up Standard plastisol cleaners, press wash, or ink degradant
 Mesh Counts: 86 - 305 Tension: 18-35n/cm3	 Pigment Loading Not recommended	 Health & Safety Find safety information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
 Squeegee Medium: 70 or 60-90-60 Profile: Square Stroke: x2 stroke, medium speed Angle: 10-20%	 Additives Extender base Nylobond Curable Reducer Plasticharge Additive	<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>
 Stencil Standard Emulsion Off Contact: 1/16" (2mm) Emulsion Over Mesh: 15-20%	 Storage 65 -95 °F (18 -35 °C) Avoid direct sunlight	
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