



ES0250 CHINO BASE / REDUCER

ES0250 Chino Base allows you to produce extremely soft Tone-on-Tone prints. While this base will accept color boosters, it is primarily designed to add to finished colors to adjust or reduce.

Highlights

-  Chino Base can be colored
-  Create "Tone-on-tone" prints
-  A variety of subdued looks can be printed
-  Excellent printability with no viscosity modifications
-  ES0250 Chino Base can be used as a curable reducer for non-phthalate plastisol applications
-  Extremely soft and supple to the touch

Printing Tips

-  Prints through very fine screen mesh of 305 t/in (120 t/cm).
-  Chino Base will have excellent wash and wear qualities when cured at 320°F (160°C).
-  Create many colors by adding up to 30% C3 Color Concentrates.
-  Use IMS 3.0 color mixing software available at [Rutlandinc.com](http://rutlandinc.com) or <http://p1ims.azurewebsites.net/Account/Login> for thousands of color formulas.
-  Chino Base can be colored to your specifications by mixing up to 30% C3 pigments with 70% Chino Base.
-  Print Chino Base as a stand alone on dark garments to produce that "Tone-on-Tone" look with a very soft hand.
-  Prints through very high mesh counts for minimum ink usage to create vintage or washed out style prints.

Compliance

-  Non-phthalate
-  Internationally compliant
-  Visit <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>Fabric Types Cotton</p>	 <p>Flash & Cure Flash: 140-150°F on pre-heated pallets Cure: 320°F</p>	 <p>Clean Up Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant</p>
 <p>Mesh Count: 305 t/in Tension: 18n-25n/cm3</p>	 <p>Pigment Loading C3 Color Boosters</p>	 <p>Health & Safety Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR</p>
 <p>Squeegee Durometer: 70, 80, 60/90/60 Profile: Square Stroke: 1+ Angle: 10-15%</p>	 <p>Additives</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>Stencil Standard Emulsion Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%</p>	 <p>Storage 65 -95° F (18 -35° C) Avoid direct sunlight. Use within one year of receipt. Keep container well sealed.</p>	



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