



ES0231 NPT BLISTER BASE

ES0231 is designed to provide a blister or bubbly surface.

Highlights

- ES0231 is designed to provide great adhesion when printed onto textiles. It gives superior wash fastness when cured at 320°F (160°C).
- Combined with higher temperatures and longer dwell times in the dryer, a variety of looks can be achieved.
- ES0231 is used as the under base in producing the Faux Leather print technique.
- Technique cards are available with print instructions for the Faux Leather. Puff Base for creating a blister or bubbly surface.
- Can be colored with C3 Color Boosters for a full variety of colors.
- Puff Base for creating a blister or bubbly surface.

Printing Tips

- Can be colored with C3 Color Boosters for a full variety of colors.
- ES0231 allows addition of up to 30% C3 Color Boosters to enhance the color of the design.
- Prints through mesh count range from 83-156 mc in (32– 62 mc cm) and up to 400 Micron Capillary Film stencil on the screen.
- The cure temperature can be varied from 320°F (160° C.) to 350° F. (177° C.) to create finished prints that range from slightly puffy and stretchy to prints that have pock marks, dimples and craters.











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

 <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 Counts: 86 to 156 32-62 mc cm 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 70, 80 Profile: Square Stroke: 1+ Angle: 10-20%</p>	 <p>Additives N/A</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>Stencil Capillary film, Direct, Indirect Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-50%</p>	 <p>Storage 65 -95°F (18 -35° C) Avoid direct sunlight</p>	