

ES0247 NPT SOFT DENSITY NATURAL



ES0247 NPT Soft Density Base can be printed through a wide range of mesh counts and thick film emulsions. Soft Density's very short body and mid range viscosity make it easy to mix, easy to print and easy to create very soft High Density type designs.

Highlights

- Extremely precise edge definition is possible, making NPT Soft Density a good choice to reproduce prints that look like they have been die cut.
- Create thousands of shades by using Color Booster formulas from the IMS 3.0 color mixing software.
- Extremely soft with less hand than most High Density inks. Print very thick, die cut type designs.
- Easy to mix and print.

Printing Tips

- Print through screen mesh from 86-200 mc in (34-77 mc cm) NPT Soft Density Base will have excellent wash and wear qualities when cured at 320°F (160°C) .
- Use C3s at no more than 40% to Soft Density Base to create custom colors. Be sure to record your color percentages.
- Color mixing software is located at Rutlandinc.com or <http://p1ims.azurewebsites.net/Account/Login>











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: 86-200 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 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</p>	