

NYBE9120 NYLOBOND



Add Nylobond to a Plastisol ink to promote adhesion on tightly woven nylon or other materials that cannot take full cure temp but will not be washed.

Highlights

- Use for Nylon wind breakers, Jerseys, bags, banners, and other slick surfaces that plastisol struggles to adhere to.
- Works with most any plastisol which does not contain water.

Printing Tips

- A NYLOBOND Plastisol mixture must be cured just like regular plastisol. Curing temperatures should not exceed 285-300°F (140 to 149°C).
- MAXIMUM ADHESION IS DEVELOPED 24-48 HOURS AFTER PRINTING. If prints do not resist scratching or digging with a fingernail, this may be an indication that insufficient NYLOBOND was added.
- OTHER USES: Nylobond is sometimes used at 3% to resolve fibrillation issues when printing on 100% cotton.
- Add 10-15% NYLOBOND to the plastisol by weight.
- SHELF LIFE: 10 percent mixture: Up to 12 hours. 15 percent mixture: Up to 8 hours.
- The more NYLOBOND that is added to the ink, the faster prints will cure, but the mixture will also set up faster in the can and in the screen.












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 Other	 Flash & Cure Flash: Pre-heated Cure: 300°F	 Clean Up Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant
 Mesh Counts: 86-156 Tension: 25n/cm3	 Pigment Loading N/A	 Health & Safety Find safety information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
 Squeegee 70, 80 Profile: Square Stroke: Dependent on ink Angle: 10-20%	 Additives N/A	<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) or greater Emulsion Over Mesh: 15-20%	 Storage 65°-90° F (18°-32° C) Avoid direct sunlight	
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