

ES0165 NPT CLEAR FLOCKING COMPOUND


Rutland™

Clear Flocking Compound is a press-ready plastisol for printing paper substrates where a flock image is desired. This product is not designed for garment printing.

Highlights

- Plastisol prevents paper from distorting due to moisture and provides maximum adhesion to the paper and the flock fibers.
- Viscosity: 18,000-20,000 cps. Measured on a Brookfield Viscometer Spindle-#7 Temperature-75° F. (24° C.)
- Hand stir for 3 min. prior to checking viscosity.

Printing Tips

- C3 Color Booster primary colors may be added to the ES9073 for custom colors at a maximum of 10% by weight. This will allow for pastel and medium color ranges. ES9073 is applied by printing through a 86-110 mc in (34-42 mc cm) using a sharp squeegee.
- After flock is applied to wet plastisol, proceed into heat chamber to reach a temperature of 310° to 320° F. (154° to 160° C.) As product cools, the adhesion to the paper is maximized.
- Recommended Printing Techniques - Examine the flood bar and smooth edges if necessary. - Adjust the flood to just transfer the ink from the front to the back of the screen. - Transfer ink to the fabric surface with a light squeegee pass using just enough pressure to clear the mesh.
- Plastisols are THERMOPLASTIC, requiring heat for fusion. Stir product before use.

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: N/A Cure: 320F	 Clean Up Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant
 Mesh Counts: 86-110 Tension: 18n-25n/cm3	 Pigment Loading C3 Color Booster primary colors may be added to the ES9073 for custom colors at a maximum of 10% by weight.	 Health & Safety Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
 Squeegee 70 Profile: Square Stroke: 1+ Angle: 10-20%	 Additives N/A	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.
 Stencil Standard Emulsion Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%	 Storage 65 -95 F (18 -35 C) Avoid direct sunlight	
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