

EG0280 NPT SUPER GEL CLEAR


Rutland™

EG0280 NPT Super Gel is an adaptive clear ink formulated as a plastisol for printing on 100% Cotton fabrics or over a low bleed underlay on poly/cotton.

Highlights

- This product has excellent edge definition when stacked for that 3D look and provides maximum gloss when fully cured.
- High gloss and clarity when printed in thick film and cured properly.
- Fast shearing action means higher press speeds.
- Can be tinted with up to 30% C3 Color Boosters to make Gel Colors.
- The product is designed to function as a clear for over coat in its finished state and as a Super Gel Clear once Liquid Thickener is added.

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.

Printing Tips

- EG0280 requires thickening before printing as a Gel.
- To obtain the thick body gel mix in 2% of M00004 Liquid Thickener. Mix in thoroughly with a mechanical mixer. Allow the mix to sit for 2 hours before printing to obtain the full body.
- Print EG0280 directly onto substrates or over an underlay.
- EG0280 is normally printed through mesh ranges from 86-110 t/in (34-43 t/cm) You may print through finer mesh to achieve fine details with less height.
- Recommend 70 Durometer squeegee.
- For higher gloss, cure at slightly higher temperature for longer times.

Recommended Parameters

 Fabric Types Cotton	 Flash & Cure Flash: 140-150°F on pre-heated pallets Cure: 320°F	 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 boosters	 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 M00004 Liquid Thickener Fiberbond EA0001 7.5-10% by weight	<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 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 -95° F (18 -35° C) Avoid direct sunlight	
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