



BP9520 EVOLVE™ BIO PLASTISOL™ COTTON WHITE

Rutland™ Evolve™ Bio Plastisol™ Inks help screen printers achieve their sustainability goals while maintaining an intuitive plastisol printing experience. Created with over 50% bio-derived content, Rutland BP9520 Evolve Bio Plastisol Cotton White delivers excellent printability, great fiber mat down, a smooth soft hand, and bright finish.

Highlights

- Premium soft hand and drape
- Excellent for vector and fine mesh half-tone graphics
- Great printability on both manual and automatic presses
- 56% calculated according to ASTM D6866
- Allows for fast print strokes and easy clearance on fine mesh

Printing Tips

- Stir inks before printing. Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results.
- Use a printing technique to assure a good ink deposit for best durability.
- Use hard flood and low-medium squeegee pressure.
- Adjust flash cure temperature and dwell time so ink is just dry to touch. Depending on flash unit, a 3 second flash is adequate.
- Use ES0266 NPT Barrier Base as an underbase when printing on polyester fabrics and their blends to avoid dye migration.
- Suitable for use as an underbase flash white or as a highlight white.

Compliance

- Non-phthalate
- For individual compliance certifications and conformity statements, please visit: www.avientspecialtyinks.com

Sustainability













Biopolymers

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 100% cotton (no bleed resistance)</p>	 <p>Flash & Cure Flash: 280°F (138°C) for 3 seconds Cure: 320°F (160°C)</p>	 <p>Clean Up Ink degradant or press wash</p>
 <p>Mesh Count: 86-305 t/in (34-120 t/cm) Tension: 25-35 n/cm²</p>	 <p>Pigment Loading N/A</p>	 <p>Health & Safety Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR</p>
 <p>Squeegee Durometer: 60/90/60, 70/90/70, 60-70 Profile: Square, Sharp Stroke: Hard flood, Fast stroke Angle: 10-15%</p>	 <p>Additives</p>	<p>2024, 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 2 over 2 Off Contact: 1/16" (2mm) Emulsion Over Mesh: 15-20%</p>	 <p>Storage 65-90°F (18-32°C) Avoid direct sunlight Use within one year of receipt</p>	



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