

ES0840 is a Soft Hand And Plastisol Extender that is useful in softening color intensity without affecting viscosity.

Highlights

- ES0840 may be mixed in at any ratio but it will reduce the opacity and color strength of the ink.
- The mixture can print through a wide variety of mesh ranges and will cure at 320 degrees F. (160 degrees C.)
- Use S.H.A.P.E. to help soften color intensity with out affecting viscosity. Great for vintage style prints.

Printing Tips

- Mix into Plastisol incrementally making sure to make note of the total amount of S.H.A.P.E. you have added. This will allow you to accurately replicate the same color at a later date.
- Add up to 30% of C3 to create colors using the C3 color boosters.
- S.H.A.P.E. is fully curable.
- S.H.A.P.E. can be used to reduce M3 colors as well.

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: 110-355 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, 70/90/70 60/90/60 Profile: Square Stroke: 1+ Angle: 15-20%</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>	