












## PLAE9080 EF PRINTABLE ADHESIVE

PLAE9080 has been formulated as a hot-split/hot-peel transfer adhesive. PLAE9080 can be printed on multiple substrate paper types including: hot-peel/hot-split, cold peel and dual hot split/cold peel transfer papers.

### Highlights

-  Excellent adhesion to cotton and cotton blend fabrics.
-  Improves ink stretch and washability.
-  Provides additional ink durability when used on stretchable fabrics.
-  Can be used as foil, flock, and fabric adhesive.


### Printing Tips

-  Use 110t/in mesh (43 t/cm) as standard for large coverage and non-detailed graphics.
-  For fine line graphics use up to 195 t/in (77 t/cm) mesh.
-  PLAE9080 is printed last over the transfer inks.
-  Slightly under cut graphic image separations so as to allow ink to spread following heat press application.
-  Print flat coat of PLAE9080 using a 70/90/70 triple durometer squeegee.
-  Gel ink under dryer at 230°F (90°C). Do not cure ink.
-  Flash dry colors before applying printable adhesive.











### 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><b>Fabric Types</b><br/>100% cotton, cotton blends</p>  |  <p><b>Flash &amp; Cure</b><br/>Flash: 160°F (70°C)<br/>Cure: 320°F (160°C)</p> |  <p><b>Clean Up</b><br/>Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant</p>  |
|  <p><b>Mesh</b><br/>Count: 110-158 t/in (43-62 t/cm)<br/>Tension: 25n/cm<sup>3</sup></p>  |  <p><b>Pigment Loading</b><br/>N/A</p>  |  <p><b>Health &amp; Safety</b><br/>Find safety information here:<br/><a href="http://www.avient.com/resources/safety-data-sheets">www.avient.com/resources/safety-data-sheets</a> or contact your local CSR</p>  |
|  <p><b>Squeegee</b><br/>Durometer: 60-80, 70/90, 70/90/70<br/>Profile: Square, Sharp<br/>Stroke: Medium speed<br/>Angle: 10-15%</p> |  <p><b>Additives</b><br/>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><b>Stencil</b><br/>Standard 2/2<br/>Off Contact: 1/16" (2mm) or greater<br/>Emulsion Over Mesh: 20%-30%</p>                     |  <p><b>Storage</b><br/>65 -95 °F (18 -35 °C) Avoid direct sunlight</p>          |   |