PRODUCT INFORMATION BULLETIN

PLAE9080 EF PRINTABLE ADHESIVE

Union Ink™

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.

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

- 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.

Recommended Parameters

Fabric Types
100% cotton, cotton blends

Flash & Cure
Flash: 160°F (70°C)
Cure: 320°F (160°C)

Clean Up
Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant

Mesh
Count: 110-158 t/in (43-62 t/cm)
Tension: 25n/cm3

Pigment Loading
N/A

Health & Safety
Find safety information here: www.avient.com/resources/safety-data-sheets or contact your local CSR

Squeegee
Durometer: 60-80, 70/90, 70/90/70
Profile: Square, Sharp
Stroke: Medium speed
Angle: 10-15%

Additives
N/A

Stencil
Standard 2/2
Off Contact: 1/16” (2mm) or greater
Emulsion Over Mesh: 20%-30%

Storage
65 -95 °F (18 -35 °C) Avoid direct sunlight

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