PRODUCT INFORMATION BULLETIN

FLTRE9080 EF FLASH TRANS ADHESIVE

Union Ink™

An adhesive for use with the reflective transfer system utilizing 3M Scotchlite reflective material.

Highlights

- When used with 3M reflective material, image meets all safety standards, even after washing.
- This adhesive is screen printed to a substrate in order to receive a heat transferred 3M Scotchlite reflective material.

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

- Print through a screen stencil with 30% or greater emulsion over mesh coating.
- Do not print adhesive with too much pressure, you want to allow the adhesive to sit up on top of the fabric for best results.
- Multiple strokes will deposit more adhesive which contributes to better transfer film adhesion.
- Add 4-6% by weight of FLTR-9120 Flash Trans Coupling agent to the Flash-Trans Adhesive.
- The Flash-Trans transfer adhesive solution will not air dry and must be gelled or semi-cured prior to application to garment. A starting guideline is for the ink temperature to be 200-250°F with a dwell time of 35-45 seconds. Do not stack semi-cured transfers until they have cooled to room temperature.
- Use a transfer machine with a flat surface where uniform heat and pressure may be applied. Transfer to garment at 375°F for 15-20 seconds applying firm pressure (about 20-40 PSI). Allow transfer to cool to room temperature before removing the backing.
- Print reversed image onto dull side of the transfer film, gel, and transfer to garment.

Recommended Parameters

Fabric Types
Most

Flash & Cure
Flash: Pre-heated pallet
Cure: 375°F

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

Mesh
Count: 110-156 (43-62 Metric)
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: 70, 60/90/60
Profile: Square
Stroke: 2-3
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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