PRODUCT INFORMATION BULLETIN

PLUE - ULTRASOFT INKS

Union Ink™

Union Ultrasoft inks are ideal for manual and automatic printing, delivering a soft, vibrant finish.

Highlights

- Ultrasoft inks are designed to give soft feel, vibrant prints on light colors or on an under base.
- Ultrasoft inks are formulated to be used as a Hot-Spilt transfer.
- To create in-house Pantone matches with the same great feel of Ultrasoft, use the Union Ink Unimatch system.

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

- Do not use any additives when using Ultrasoft for plastisol transfer production.
- Ultrasoft inks will fully cure when the entire thickness of the ink deposit reaches 300° F (149° C).
- Metallic inks are not recommended for transfer application.
- Curing Heat Transfers: Ultrasoft ink will semi-cure or gel when it reaches 240°F - 250° F (115°C - 121° C). For more information on transfers, see the general information Technical Data Sheets.
- To decrease after-flash tack increase mesh.
- Recommended additives: PADS-E9095 Soft Hand Base / PLRE-9000 Reducer/Detackifier / PLUE-9030 Metallic Clear Base PLUE-9040 Hot Split Additive / PLUE-9090 Extender Base / PLUE-9100 Conc. Viscosity Reducer PLUE-9114 Plastisol Thickener

Recommended Parameters

Fabric Types
Cotton

Flash & Cure
Flash: Pre-heated pallets
Cure: 300°F

Clean Up
Standard plastisol cleaners, press wash, or ink degradant

Mesh
Counts: 86-305
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
60/90/60, 70/90/70,70, 80
Profile: Square
Stroke: 1
Angle: 10-15%

Additives
See Printing Tips

Stencil
Standard Emulsion
Off Contact: 1/16” (2mm) or greater
Emulsion Over Mesh: 15-20%

Storage
65°-90° F (18°-32° C)
Avoid direct sunlight