



AVIENT SPECIALTY INKS

ASI Luna Clear LC

ASI Luna Clear LC is a clear that appears nearly invisible in daylight, but illuminates in the presence of UV blacklight. Use ASI Luna Clear LC to create special effects, print secret messages or identify a printer's work by printing hidden licensing data. This ink is an excellent under base that reduces fibrillation and brightens some colors. ASI Luna Clear LC will remain bright after numerous washings and may be printed direct or transferred.

HIGHLIGHTS

- Clear when overprinting designs, but illuminates under blacklight conditions
- Suitable for direct print or cold peel transfer application
- Matte finish when printed through high meshes or satin through coarser meshes
- Excellent adhesion to fabrics, stretch properties, and wash durability

PRINTING TIPS

- Stir inks before printing
- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- For overprint clear - print in last position. Best results when printed over "bright" white or fluorescent colors
- For cold peel transfers, use a coated release paper or polyester film. Print ASI Luna Clear LC using 70 duro squeegee and recommended mesh counts, gel and then backed with colors and followed by adhesive. Gel at 212°F (100°C) for 60 sec. Apply transfer with heat press at 300°F (150°C) for 10-12 sec at medium pressure. Verify process.

COMPLIANCE

- Non-phthalate
- For individual compliance certifications and conformity statements, please visit 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



AVIENT
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INKS

V1.07 (Modified: 05/08/2025)

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS



Fabric Types

100% cotton, cotton blends, some synthetics



Mesh

Count: 110-355 t/in (43-140t/cm)
Tension: 25-35 n/cm2



Squeegee

Durometer: 60/90/60, 60-70
Profile: Square, Sharp
Stroke: Medium flood, Medium stroke
Angle: 10-15%



Stencil

2 over 2
Off Contact: 1/16" (.2cm)
Emulsion Over Mesh: 15-20%



Flash & Cure

Flash: 220°F (105°C)
Cure: 270°F - 320°F (132°C - 160°C)



Pigment Loading

N/A



Additives

N/A



Storage

65-90°F (18-32°C)
Avoid direct sunlight
Use within one year of receipt



Clean Up

Dispose unused ink responsibly. Standard plastisol cleaners, press wash, or ink degradant



Health & Safety

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