

# AVIENT SPECIALTY INKS

## PRODUCT INFORMATION BULLETIN



### 2558 INFINITE FX LUNA CLEAR

Avient™ Specialty Inks INFINITE FX LUNA CLEAR is a clear that appears nearly invisible in daylight, but illuminates in the presence of UV blacklight. Use Infinite FX Luna Clear 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. Luna Clear 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 Luna Clear 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](http://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



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V1.00 (Modified: 05/10/2021)

#### RECOMMENDED PARAMETERS



##### Fabric Types

100% cotton, cotton blends, some synthetics



##### Mesh

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



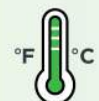
##### Squeegee

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: 320°F (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](http://www.avient.com/resources/safety-data-sheets)  
or contact your local CSR

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