



# AVIENT SPECIALTY INKS

## ASI Super Gel Clear LC

ASI Super Gel Clear LC is used to print effects with high gloss surface and can be printed direct to 100% cotton or over an underlay

### HIGHLIGHTS

- High gloss clarity at thick films
- Use as an overprint clear to enhance color vibrancy and create gloss surfaces
- Use as a High Density Clear, either on its own or tint with color
- Excellent adhesion to fabrics, stretch properties

### PRINTING TIPS

- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- For best HD results, use open mesh counts with 200 - 400 micron capillary film and print-flash-print. Use a heavy flood to fully fill the open areas of the stencil with ink then print with medium squeegee pressure
- Print in last position or flash after each print if using multiple screens
- Tintable with plastisol colorants. See Pigment Loading section for suggested tinting percentages. Adjust the % colorant added based on the strength of the colorants and color saturation desired

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

## PRODUCT INFORMATION BULLETIN



### RECOMMENDED PARAMETERS



#### Fabric Types

100% cotton



#### Mesh

Count: 86 - 110 t/in (34 - 43 t/cm)  
Tension: 25-35 n/cm<sup>2</sup>



#### Squeegee

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



#### Stencil

2 over 2  
Off Contact: 1/16" (.2cm)  
Emulsion Over Mesh: 15-20% or 200-400 micron



#### Flash & Cure

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



#### Pigment Loading

upto 10% Wilflex PC  
upto 15% Wilflex EQ  
upto 40% Wilflex RIO / MX  
up to 30% Rutland C3 Boosters



#### 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