

AVIENT SPECIALTY INKS

PRODUCT INFORMATION BULLETIN

2450 INFINITE FX SUPER GEL CLEAR



Avient™ Specialty Inks INFINITE FX SUPER GEL CLEAR is used to print effects with high gloss surface and can be printed direct to 100% cotton or over an underlay

RECOMMENDED PARAMETERS

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

Fabric Types



100% cotton

Mesh



Count: 86 - 110 t/in (34 - 43 t/cm)
Tension: 25-35 n/cm²

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



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: 320°F (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
or contact your local CSR

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



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