

AVIENT SPECIALTY INKS

PRODUCT INFORMATION BULLETIN



INFINITE FX SPARKLE GLITTERS - 15330 and 89010

Avient™ Specialty Inks INFINITE FX GLITTERS are special effects with a large-course glitter particle to bring a brilliant dazzle to print designs. The large glitter particles allow the base layer color to show through further enhancing the design possibilities and color combinations. Infinite FX Silver and Gold Glitters are ready-for-use or can be tinted using plastisol colorants for a custom look. These glitters are low-cure special effects with excellent adhesion and wash durability.

HIGHLIGHTS

- ▶ SILVER GLITTER | 15330
- ▶ RICH GOLD GLITTER | 89010
- ▶ Excellent adhesion to fabrics, stretch properties, and wash durability
- ▶ Brilliant glitter or sparkle effect to enhance graphics
- ▶ Low-cure, save energy
- ▶ Ready-for-use or tintable

PRINTING TIPS

- ▶ Stir inks before printing
- ▶ Use consistent, high-tensioned screen mesh to optimize performance properties
- ▶ Print in last position or flash after each print if using multiple screens
- ▶ Print direct to fabric or over a flashed-dried base plate. Use a suitable underbase when printing on garments prone to bleed
- ▶ 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
- ▶ Metallics reflect infrared heat and a forced air dryer is recommended for curing. If using an electric oven, extend dwell time to achieve proper cure
- ▶ Curing is a time and temperature process, a lower oven temperature setting with a slower belt speed while maintaining recommended ink cure temperature is always best to protect fabric, control dye migration and reduce energy consumption
- ▶ 15330 and 89010 INFINITE FX SHIMMERS can be cured between 270°F-320°F (132°C-160°C)
- ▶ Can be mixed with other Infinite FX HD bases or clears
- ▶ For cold-peel transfers, use a coated release paper or polyester film. Print using 70 duro squeegee and recommended mesh counts 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. For transfers on polyester, back with a low bleed white and/or blocker. 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

RECOMMENDED PARAMETERS

Fabric Types



100% cotton, blends, some synthetics

Mesh



Count: 24-38 t/in (9-15 t/cm)
Tension: 25-35 n/cm²

Squeegee



Durometer: 60/90/60, 60-70
Profile: Square, Sharp
Stroke: Hard 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 (132°C)
Entire Ink Film

Pigment Loading



up to 5% Wilflex PC
up to 10% Wilflex EQ
up to 15% Wilflex RIO / MX
up to 10% 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



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