



EPIC™ LIQUID METALLICS

WILFLEX™ Epic Liquids are a non-phthalate special effect with a very-fine metallic flake for an opaque, wet metallic silver chrome or gilded gold look with a smooth and soft feel. The Liquid Silver and Gold are ready-for-use or can be tinted using Wilflex colorants for a custom look.

HIGHLIGHTS

- LIQUID SILVER | 10988PFXLS
LIQUID GOLD | 10989PFXLG
- Excellent adhesion to fabrics, and stretch properties
- Super-shine, silver chrome or gilded gold effect with smooth surface
- Low-cure, save energy
- Ready-for-use or tintable
- Use on light or dark grounds. Provides great contrast when printed on darks

PRINTING TIPS

- Stir inks before printing
- For best results, use recommended mesh counts and print-flash-print
- Use consistent, high-tensioned screen mesh to optimize performance properties
- Tintable with PC, Equalizer, RIO or MX finished ink colorants. See Pigment Loading section for suggested tinting percentages. Adjust the % colorant added based on the strength of the colorants and color saturation desired
- Print direct to fabric or over a flashed-dried base plate. Use a suitable underbase when printing on garments prone to bleed
- Print liquid metallics in last position or flash after each print if using multiple screens
- Metallics reflect infrared heat and a forced air dryer is recommended for proper curing
- 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
- Wilflex Liquids can be cured between 270°F - 320°F (132°C - 160°C)
- Liquid Silver and Gold may tarnish (turn gray) when exposed to detergent or water that contains bleaching or whitening agent. For best care, hand wash or machine wash on cold cycle with garment inside-out using a phosphate free detergent, then air or line dry. Label garments with suggested wash instructions

COMPLIANCE

- Non-phthalate
- For individual compliance certifications and conformity statements, please visit: www.avient.com/wilflex-compliance

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

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS

Fabric Types



100% cotton, blends, some synthetics

Mesh



Count: 86-156 t/in (34-61 t/cm)
Tension: 25-35 n/cm²

Squeegee



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 2% PC recommended
up to 3% EQ recommended
up to 10% RIO recommended
up to 10% MX recommended

Wilflex™ Additives



Epic Curable Reducer < 10%
Epic Finesse < 10%
Epic Viscosity Buster - 1% max

Storage



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

Clean Up



Ink degradant or press wash

Health & Safety



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



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