



EPIC™ SHIMMER METALLICS

WILFLEX™ Epic Shimmers are a non-phthalate special effect with a fine-medium size metallic flake for a brilliant shimmer effect with a smooth and soft feel. Wilflex Silver, Gold and Ultra Gold Shimmers are ready-for-use or can be tinted using Wilflex colorants for a custom look. The Wilflex Shimmers are low-cure with excellent adhesion and wash durability.

HIGHLIGHTS

- ✔ SILVER SHIMMER | 15370PFX
- ✔ GOLD SHIMMER | 85370PFX
- ✔ ULTRA GOLD SHIMMER | 85570PFX
- ✔ Excellent adhesion to fabrics, stretch properties, and wash durability
- ✔ Brilliant metallic shimmer 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 single print
- ✔ Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- ✔ 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 shimmer 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 Shimmers and Metallics can be cured between 270°F - 320°F (132°C - 160°C). Includes - 15055PFXMB Silver Metallic and 85075 Sold Gold Metallic
- ✔ Can be mixed with other HD special effect bases or clears

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

Squeegee



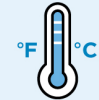
60/90/60, 60-70
Profile: Square, Sharp
Stroke: Hard flood, Medium stroke
Angle: 10-15%

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 3% PC recommended
up to 5% EQ recommended
up to 15% RIO recommended
up to 15% 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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