wilflex™

PRODUCT INFORMATION BULLETIN

epic

19000PFX EPIC™ MATTE BLACK

WILFLEX™ 19000PFX EPIC™ MATTE BLACK isspecifically formulated for high productivity wet-on-wet printing. This black has excellent resistance to build-up and may also be used to print conventional cold-peel transfers.

HIGHLIGHTS

- Matte finish
- Wet-on-wet printing at high production speeds with exceptional resistance to build-up
- Good color fastness to crocking test

PRINTING TIPS

- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- Exhibits good color retention in high-speed wet-on-wet production with exceptional resistance to build up
- Adjust flash cure temperature and dwell time so ink is just dry to touch. Depending on flash unit, a 2 - 3 second flash is adequate
- For cold-peel transfers, use a coated release paper or polyester film

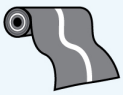
COMPLIANCE

- 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

RECOMMENDED PARAMETERS



Fabric Types

100% cotton, cotton blends, some synthetics

Mesh

Count: 86-230 t/in (34-91 t/cm)
Tension: 25-35 n/cm2

Squeegee

Durometer: 60/90/60, 70/90/70, 60-90
Profile: Square, Sharp
Stroke: Medium flood, Medium-Fast 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: 320F (160C)

Pigment Loading

N/A

Wilflex™ Additives

ASI K2910 VISCOSITY BUSTER-1% max
ASI K2920 FINESSE

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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