Wilflex™

| Product Information Bulletin | Recommended Parameters |

e Equalizer Color Matching

Wilflex™ Epic EQualizer color mixing system is an easy-to-use, easy-to-mix color mixing system with 15 intermixable balanced colorants and a base. Epic EQualizer color matching enables printers to produce PANTONE® simulations. Epic inks made with Epic EQualizers are suitable for high speed, wet-on-wet printing, offering a matte finish and excellent crock resistance.

Highlights

- Soft hand prints.
- Matte finish.
- Can be used alone or in combination with other Epic products to create various specialty effects.
- Developed to be printed wet-on-wet at high production speeds with exceptional resistance to build-up.
- 15 Epic EQualizers and Epic Mixing Base

    - 71011PC Epic Equalizer Extra White
    - 71040PC Epic Equalizer Red (Y/S)
    - 71045PC Epic Equalizer Maroon
    - 71047PC Epic Equalizer Magenta
    - 71057PC Epic Equalizer Violet
    - 71160PC Epic Equalizer Bright Blue
    - 71068PC Epic Equalizer Blue

    - 71070PC Epic Equalizer Green
    - 71087PC Epic Equalizer Yellow
    - 71094PC Epic Equalizer Velvet Black
    - 71130PC Epic Equalizer Bright Orange
    - 71145PC Epic Equalizer NM Red (B/S)
    - 71165PC Epic Equalizer Marine
    - 71187PC Epic Equalizer NM Yellow

Printing Tips

- Colors will reproduce best on white or light grounds.
- When blended according to formulations, colors will vary in opacity from translucent to semi-opaque.
- For bleed resistance, use an underbase white such as 11835PFW Epic Quick White, 11117PFW Epic Polywhite, or 11195PFW Epic Athletic LB White. For cotton fabrics, underbase with 11335PFW Epic Sprint White.

Compliance

- Non-phthalate.
- For individual compliance certifications, please visit www.wilflex.com/compliance.

⚠ Precautions

- Perform fusion tests before production. Failure to cure ink properly may result in poor wash fastness, inferior adhesion and unacceptable durability. Ink gel and cure temperatures should be measured using a Thermoprobe placed directly in the wet ink film and verified on the production run substrate(s) and production equipment. It is the responsibility of the printer to determine that the correct ink has been selected for a specific substrate and the application processes meet your customer's standards or specifications.
- When formulating customer formulas use Wilflex Ink Room Management Software to ensure formulas are balanced for optimal print, wash and cure performance.
- For consistency, all formulas provided were printed through 156 t/in (62 t/cm) mesh screen on white, 100% cotton fabric for color approval. Wilflex Epic Equalizer inks can, however, be printed through a range of meshes between 110-305 t/in (43-120 t/cm). Variation in screen mesh and ink deposit can result in variation in depth of color and opacity.
- Reducing viscosity will adversely affect opacity.
- Avoid over flashing as it can result in poor intercoat adhesion of colors.
- Stir plastisols before printing.
- Do not dry clean, bleach or iron printed area.
- **NON-CONTAMINATION OF EPIC INKS:** Do not add or mix non-Epic inks, additives or extenders with Epic inks. All buckets, palette knives, stirring apparatus, squeegees, flood bars and screens must be cleaned properly and free of phthalates and pvc containing inks. Non-phthalate emulsions and pallet adhesives must be used. Failure to follow these precautions may cause phthalate contamination in violation of consumer protection laws and regulations.
- Any application not referred in this product information bulletin should be pre-tested or consultation sought with Wilflex Technical Services Department prior to printing.
- Email: techserviceswilflex@polyone.com

Recommended Parameters

Fabric Types
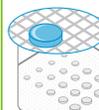100% cotton, cotton blends, some synthetics

Mesh
Counts: 110-305 t/in (43-120 t/cm)
Tension: 25-35 n/cm²

Squeegee
Durometer: 70/90, 70/90/70
Edge: Sharp
Stroke: Fast
Do not use excess squeegee pressure.

Non-Phthalate Stencil
Direct: 2 over 2
Capillary/Thick Film: N/A
Off Contact: 1/16" (.2cm)

Flash & Cure Temperatures
Flash: 160°F (70°C)
Cure: 300°F (150°C)

Pigment Loading
EQ: Use IMS System.
MX: N/A
PC: N/A
All percentages listed at % by weight.

Epic Additives
Extender: Epic Extender Base-10% max
Reducer: Epic Viscosity Buster-3% max
All percentages listed at % by weight.

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

Clean Up
Ink degradent or press wash.

Health & Safety
MSDS: www.polyone.com or Contact your local CSR.

www.wilflex.com/pib

GENERAL PURPOSE | MIXING SYSTEM

Equalizer Color Matching : 06.2012V1