

## Alpha RFU Color Series - Mixing System

# **Technical Data Sheet**

- Wet Ink Tack | Good
- After Flash Tack | Good
- **Printability** | Excellent
- Surface Appearance | Matte
- Opacity/Viscosity | Med/Med
- Bleed Resistance | None
- Flash Temperature | 160°F (71°C)/decreases with deposit thickness
- Cure Temperature | 320°F (160°C)
- Squeegee Hardness |
  Medium
- Squeegee Blade | Sharp
- Squeegee Angle | 45 degrees to screen
- Squeegee Speed | Medium
- Underlay | N/A
- Emulsion | Direct or indirect
- Mesh Count | 110-230 mc in (43-90 mc cm)
- Thinner | RV Additive
- Thickener | Thickener B
- Storage | 65°F to 95°F (18°C to 35°C). Avoid direct sun.
- Cleanup | Water and mild soap or detergent
- Color Range | Various
- Substrate Type | Cotton and Cotton Poly blends
- Substrate Color(s) | White, and Dark Fabrics

# Description

**Alpha Color Series** is a color mixing system in which all the colors in the system are ready for use or can be mixed into each other to make other colors. The best feature of this system is you can follow the formulas in your color guide book without needing to use software, making it the quickest and most economical way to make custom colors. In addition, this system can be used for both Discharge Printing & Regular Printing. Just adding around 5% of discharge activator makes this working on dark cotton substrate.

#### **Available colors:**

WB0383 Yellow 012	WB0388 Purple	WB0393 Process Blue
WB0384 Orange 021	WB0389 Medium Purple	WB0394 Green
WB0385 Warm Red	WB0390 Violet	WB0395 Black
WB0386 Rubine Red	WB0391 Dark Blue	WB0396 Trans White
WB0387 Rhodamine Red	WB0392 Reflex Blue	

#### Formulas for other Pantone Basic Colors not listed above

Yellow = Yellow 012 x 0.5 Bright Red = Warm Red Red 032 = Warm Red x 0.8 + Rhodamine Red x 0.2 Pink C = Rhodamine Red Blue 072 = Violet x = 0.33 + 0.35 +

### **Features**

- Excellent for 100% cotton, blends, and Polyester (with Under Base Blocker)
- Can be printed as Discharge ink for dark cotton substrate
- Is "PVC Free" and environmentally safe
- Can be printed wet-on-wet

# Application

Print through mesh up to 230 mc in (90 mc cm) and cure at 320°F (160°C).

# **Special Recommendations**

- Use Fixer WF-N 1-3% to help with wash fastness
- Use Fixer L 1-3% with low curing fabrics or electric dryers
- Use Thickener B .25-1% to help thicken the ink
- Use RV Additive 1-3% to reduce viscosity