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## Glow Color EC Series

### Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **Opacity/Viscosity** | Low/Low
- **Bleed Resistance** | None
- **Flash Temperature** | 160°F (71°C)/decreases with deposit thickness
- **Cure Temperature** | Up to 320°F depending on base and fixer (160°C)
- **Squeegee Hardness** | Medium
- **Squeegee Blade** | Sharp
- **Squeegee Angle** | 45 degrees to screen
- **Squeegee Speed** | Medium
- **Underlay** | 301 Series
- **Emulsion** | Direct or indirect
- **Mesh Count** | Up to 305 mc in (120 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** | Multiple
- **Substrate Type** | Multiple
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

### Description

**Glow Color EC Series** are aqueous fluorescent pigment of non-formalin type. Using this product to blend with binder or to print gives vivid color phase, and makes it possible to process fluorescent colors with superior fastness. Moreover, this product is eco-friendly product which doesn't contain any formalin, organotin, or other environmental endocrine disrupters.

**Yellow ECGG**  
**Rose EC5B**

**Orange ECR**  
**Violet ECGR**

**Red ECB**  
**Blue ECBR**

**Pink EC5B**  
**Green EC5G**

### Features

- Easy to mix and print (High Concentrate Pigments)
- Create thousands of color shades by mixing with Matsui bases
- Prints through very high mesh counts for minimum ink usage
- Meets all RSL's (restricted substance list) for major brands
- Extremely soft hand feel that PVC inks cannot achieve
- Heat stable/resistance at 1% mix by volume
- Is "PVC Free" and environmentally safe

### Application

Print through fine screen mesh up to 305 mc in (120 mc cm) can be cured up to 320°F (160°C) depending on base and fixer used, **Glow Color EC Series** produces the softest prints achievable in textile screen printing today.

### Special Recommendations

**Glow Color EC Series** with base should be mixed in clean vessels using clean mixing blades and utensils. Any contamination from other ink sources or non-approved additives could make **Glow Color EC Series** test positive for restricted PVC's.

- **Glow Color EC Series with base can be dry cleaned or ironed**
- **Use Retarder MG 1-5% to help with open time in the screen**
- **Use Fixer WF-N 1-5% to help with wash fastness**
- **Use Softener MG 1-4% to help penetrate in to the garment**
- **Use Thickener B .25-1% to help thicken the ink**
- **Use RV Additive 1-3% to reduce viscosity**