

## Orange™

### Ultra-Fast Exposing Pure Photopolymer (SBQ) Textile Emulsion; Orange “Masking” Color Reduces Halation, Yielding Finer Resolution

#### PRODUCT DESCRIPTION

**Orange** is a ready-to-use SBQ-photopolymer direct emulsion formulated for imprinted sportswear printing. It is formulated with a “masking color” that reduces light scattering—the major cause of loss of resolution. With **Orange**, it is possible to use less costly white mesh without the closing up of fine lines and details. Despite its anti-halation color, **Orange** is ultra-fast-exposing! It is perfect for shops with high stencil making throughput, as well as shops with fluorescent tubes or other low-intensity light sources. **Orange** has high viscosity (6,000 – 8,000 centipoise) that improves control when coating screens by hand and makes it a good choice for coarse mesh. Its high solids content (44 - 46%) results in better mesh bridging and edge definition, and fast drying. **Orange** resists plastisols, most washup solvents, and some water-based textile inks, and it is easy to reclaim. **Orange** stencils are durable, will not become tacky under high humidity conditions, and have excellent wet strength and exposure latitude. **Orange** reduces stencil-making time—in coating (because of its high viscosity), drying (due to its high solids), and exposure (due to its high photo-sensitivity despite its “masking color.”)

#### **Features-At-a-Glance**

- ▶ Orange, high-contrast “masking” color
  - √ Improves resolution and definition
  - √ Saves mesh costs: use white instead of more-expensive dyed mesh
- ▶ Ultra fast exposing
  - √ Fast stencil throughput for high volume shops
  - √ Assures thorough exposure, even with weak light sources
  - √ Dependable polymerization assures durability and ink resistance
  - √ Excellent wet strength, exposure latitude, and durability
- ▶ High (44 - 46%) solids content
  - √ Dries quickly
  - √ Better mesh bridging; lower Rz value yields sharper printed edges
- ▶ High (6,000 – 8,000 centipoise) viscosity
  - √ Easier to control during coating, even on coarse mesh
- ▶ Water and Solvent Resistant
  - √ Resists plastisols and many washup solvents
  - √ Resists some water-based inks
- ▶ Shelf life
  - √ unopened: 1 year at 70° F. (21° C.)

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