

QXO™

Ultra-Fast Exposing, Solvent-Resistant SBQ Textile Emulsion; Anti-Halation Enhanced Resolution; Efficient with LED Exposure Units; Superb Interface with Automatic Wash-out and Reclaiming Equipment

PRODUCT DESCRIPTION

QXO is a ready-to-use, fast-exposing SBQ-photopolymer direct emulsion formulated for imprinted sportswear printing. It resists plastisol inks—including newer, more aggressive, post-phthalate plastisols—and most washup solvents, making it easy to reclaim in automatic equipment or by hand. It is formulated with a “special technology” that reduces light scattering—the major cause of loss of resolution. With **QXO**, it is possible to use less costly white mesh without the closing up of fine lines and details. Despite its anti-halation properties, **QXO** is ultra-fast-exposing. It is especially efficient with fixed or scanning LED units, as well as with fluorescent tubes or other low-intensity light sources, or in shops that need high stencil making throughput. **QXO** has high viscosity (6,000 – 8,000 centipoise) that improves control when coating screens by hand. Its high solids content (44 - 46%) results in better mesh bridging—especially on coarse mesh—good edge definition, and fast drying. **QXO** stencils are durable, will not become tacky under high humidity conditions, and have excellent wet strength and exposure latitude. **QXO** 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 “anti-halation properties”).

Features-At-a-Glance

- ▶ Orange, high-contrast “masking” color
 - √ Improves resolution and definition without the need for costly dyed mesh
- ▶ Ultra fast exposing
 - √ Exposure-efficient with fixed or scanning LED units
 - √ 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
- ▶ Excellent Solvent Resistance
 - √ Resists plastisols (including aggressive post-phthalates) and most washup solvents
- ▶ Shelf life: unopened, 1 year at 70° F. (21° C.)

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