

PULSAR

THE FASTEST STENCIL PROCESSING SYSTEM

Innovative stencil system, offering the industry's easiest, most rapid method of making photographic stencils. This film features exceptional imaging fidelity, wide processing latitude, does not require peroxide hardening, develops with water and has excellent solvent resistance.

PRODUCT DESCRIPTION

ULANO PULSAR is a dual-cure system that combines the structural benefits of capillary films with imaging fidelity of indirect systems. It is extremely user-friendly and does not require chemicals or elaborate controlled temperature water for image developing. It offers easy-to-process fast-to-press stencil system. Pulsar allows the stencil maker to control EOM (emulsion over mesh), or make adjustments to it, for a degree of ink deposit heretofore not widely available in the industry. Pulsar stencils can be inspected off-mesh, eliminating time-consuming on-mesh makeovers. Pulsar films offer much better than usual stencil longevity and provide excellent solvent resistance to a wide variety of solvents. Pulsar can be used with a wide range of mesh counts and is extremely cost effective for short and medium-length print runs.

Pulsar stencils are ideal for the production of PCB traces and nomenclature, process color graphics, and imprinted sportswear, and it will interest all screen printers seeking control of stencil thickness, accurate imaging properties, and fast stencil throughput.

The emulsion is coated onto 75µm (3 mil) optically flat polyester having a special release layer of adhesive. The Pulsar emulsion coating is top-coated with the special protective barrier for better storage and handling.

Available in rolls 42"x150", 42x300", 52"x300" as well as in convenient custom-cut sheets.

Not designed for water-based inks.

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Features -at- Glance

- Fewest processing steps
 - ✓ Fastest press-ready system
 - ✓ Less labor and production time
 - ✓ High volume stencil throughput
- Excellent solvent resistance
 - ✓ No image distortion from swelling
 - ✓ No pre-mature breakdown
 - ✓ Easy reclaim
 - ✓ No emulsion haze or pigment stains to post-treat
- Special layering system allowing for wide exposure gradient
 - ✓ Wide processing latitude
 - ✓ User friendly
 - ✓ Use with a wide variety of mesh counts
- Stencil thickness proportional to exposure
 - ✓ Precise, reproducible control of EOM
 - ✓ Control of ink deposit and ink costs
 - ✓ Reproducibility of printing results
- Flat polyester backing sheet in place during drying
 - ✓ Low Rz value *and* thin EOM
 - ✓ No piling ink tone skewing ("PITS")
- No mesh influence during exposure
 - ✓ Excellent resolution and acutance
 - ✓ Less costly white fabric can be used
- Water developing
 - ✓ No developer required
 - ✓ Wash out with tap water
 - ✓ No temperature controlled washout required
- Stencils can be inspected of-mesh
 - ✓ Eliminates time-consuming makeovers