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## **GALAXY U.V SCREEN INKS**

**GALAXY U.V.** screen inks are a water based U.V. curing trichromatic ink system. They have been designed to reduce high quality halftone prints on paper and board under high speed printing conditions.

Galaxy inks enable the printer to produce low build, satin finish prints of exceptional quality with the production advantages associated with U.V. curing systems. They dry to a scuff resistant satin finish.

**PRINTING & MILEAGE:** Galaxy U.V. inks should be printed in an area that is protected from direct sunlight. Stencil materials should be both solvent and water resistant. The optimum mesh sizes are 140TP – 150TP plain weave. Meshes from 165T – 180T may also prove suitable. Using a 150TP mesh, a coverage of 100 – 120 Sqm/kg can be expected.

**THINNERS:** Galaxy U.V. inks are supplied press ready, but may be thinned with up to 15% water or 5% U.V. thinner. Screens may be cleaned with water or screenwash.

Thinner            R207

**CURING:** These inks cure rapidly when using two 80 watt/cm Mercury Vapour lamps. A typical cure speed of 45 – 60 meters/min can be expected. Care should be taken in over curing as this can lead to intercoat adhesion problems.

**VARNISHING:** if required, Galaxy inks may be over varnished with S11604 U. V. overprint varnish, or Mer4cury Gloss O/P varnish.

**USES:** For the production of high quality 4 colour process prints on paper and board.