



## Ultima Digital Polyester Plate Spec Sheet

**Description:** Ultima is a new generation of polyester plate designed to work in imagesetters equipped with Red Laser Diode, or Helium Neon light source. It is available in .005 or .008. With a highly visible image area, Ultima poly plates are easy to check both on and off the press.

**Application:** The broad screendot range, and on-press performance of the digital polyester plate make it suitable for a wide variety of black and white or spot color work up to 150/lpi and up to 20,000 impressions. It is also possible to do some four color press runs with the dimensional stability provided by this plate. The application of Ultima plate includes publishing, thermography, check, financial forms and commercial printing.

**Safelight:** Encapsulite T20/ND 1.05.

**Stabilization Processing:** The Ultima poly plate may be processed in rapid access processors equipped with "dry entry feed rollers".

**Recommended Activators:** Ultima Ready to Use Activator

Temperature: 86°F (30°C)

Time: 20 seconds

Replenishment: 120ml/m<sup>2</sup>

**Recommended Stabilizers:** Ultima Ready to Use Stabilizer

Temperature: 77°F(25°C)

Time: 20 Seconds

Replenishment: 120ml/m<sup>2</sup>

**Dryer Setting:** 104°F - 113°F (40°C to 45°C)

**NOTE:** A lower dryer setting is best for dimensional stability.

**Exposure Set Up:** Use exposure program expodl 2.2 or set for D.Max of 1.25.

**Note:** All non-imaged areas of the plate will accept ink, therefore insure all non-image areas of the plate have been exposed.

**Calibration:** Run your imagesetter calibration program the same as you would for film. However, the uncalibrated dot% numbers are actual readings taken from the printed page. To obtain readings prior to calibrating, it is necessary to run the uncalibrated strip on the press, and take readings from the printed sheet.