



**GANS INK
& Supply Co.**

ISO - GT 4 COLOR PROCESS

Gans Ink & Supply has formulated the **ISO-GT** four color process series for the most modern of today's high speed presses. This particular series is the latest in Gans Ink & Supply's "**Green Technology**." The **ISO-GT** four color process ink series demonstrates exceptionally high color strength while allowing for the widest latitude of ink and water balance. Rated for presses that exceed speeds of 15,000 impressions per hour, *let us prove the press stability of this eco-friendly series to you!*

TECHNICAL PERFORMANCE DATA

• ISO - GT Item Numbers

BLACK - A137635

CYAN - A137636

MAG - A137637

YELLOW - A137638

• ISO Compliance for Color

This series conforms to ISO 2846-1 (Color and Transparency) and ISO 12647-2 (Commercial Printing) tolerances for Hue and Chroma. This series is suitable for GRACol G7 certification.

• Ink Tack Information

The general Tack range of this particular series is 14 - 13. The ISO-GT process series is a medium tack ink set with "High Flow" characteristics.

*The above tack readings are taken at 1200 RPM, 1 minute, 90°F, Thwing Albert 101 ink-ometer.

• Set Speed

The ISO-GT process series demonstrates "**Rapid Oxidation Drying**," allowing for jobs to be stacked without a protective coating with minimal amounts of powder. Printed jobs may be handled within a fraction of the time of other offset paste inks commercially available.

The ISO-GT process series rated a **388 out of 400** on Gans' internal scale for set speed on a #1 gloss coated sheet, making this series one of our fastest setting inks after our popular **Resolution Process Series** (A133064 - 67).

• Scuff - Resistance

Overall, ISO-GT process inks are rated at **30 out of 40** on Gans' internal scale for scuff resistance. This test was performed on a #1 gloss coated sheet, without any aqueous coating applied, after 24 hours of printing. Post-processing on matte or dull stocks should be considered, due to the delicate nature of those particular substrates.

*The above rating is based on 60 rub cycles, 2lb. weight, utilizing a Sutherland Rub Tester.

• Stay Open (Skin Time)

The ISO-GT process ink series will not begin to develop a skin in the can or the ink fountain for at least **24 Hours**. Extreme ambient temperatures will affect the stay open period.

• Post Process (Finishing)

The ISO-GT process ink series is considered completely "Finishing Friendly" and can be UV coated or foil embossed **after 48 hours**. This series is laser imprintable on uncoated paper, although pre-testing is always advised for guaranteed performance.

• Density Dryback Points @ 24 Hrs.

Black - .16 Cyan - .6 Mag - .3 Yelo - .1

*The above measurements were taken with the following device settings: Illuminant D₅₀, 2° observer angle, Status T, without polarization or UV filters. Paper white has been zeroed out. This test was printed on a #1 gloss coated sheet, without aqueous coating having been applied.

• Suggested Target Ink Densities

Black - 1.70 - 2.00 Cyan - 1.35 - 1.50

Mag - 1.35 - 1.55 Yelo - .90 - 1.10

*Target densities may vary based on the color measurement device used (Polarized/Non-Polarized).

• Environmental Data (Eco - Impact)

The ISO-GT process ink series is a vegetable based, commercial four color process ink set, that has been included as a part of our wider environmental initiative. With 20 percent soy oil incorporated in this formulation, the ISO-GT process ink series will allow for the "**Printed With Soy Ink**" logo to be used on every job!



Gans Ink & Supply - Your Trusted Ink Supplier For Over 60 Years!

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