



GANS INK
& SUPPLY CO.

Aurora 4C Process

Gans Ink and Supply Co. introduces its newest 4-C process series for high volume production presses. This remarkable series combines the fastest set speeds with incredible gloss results. Couple that with good scuff-resistance AND priced to meet competition, this ink creates tremendous value to increase productivity and profitability!

TECHNICAL PERFORMANCE DATA

● AURORA Item Numbers

Black- A180000 Cyan- A180001
Mag- A180002 Yelo- A180003

● 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 Readings

Black- 16 Cyan- 15.5 Mag- 15.0 Yelo- 14.5
The above tack readings are taken at 1200 RPM, 1 minute, 90° F, Thwing Albert 101 Inkometer.

● Set Speed

Gans' AURORA process series rated 394 out of 400 on Gans' internal scale for set speed on a #1 gloss coated sheet, making this series the **FASTEST** setting process inkset Gans Ink has formulated to date!

● Scuff-Resistance

Overall, this process inkset rated a 29 out of 40 on Gans' internal scale for scuff-resistance. This test is performed on a #1 gloss coated sheet, without aqueous coating, 24 hours after printing. *AURORA* will resist scuffing **well** on gloss coated paper. Post-processing on matte or dull stocks should be considered, due to the fragile nature of those paper surfaces.

● Suggested Target Ink Densities

Black- 1.70 - 2.00 Cyan- 1.35 - 1.50
Magenta- 1.35 - 1.55 Yellow- 0.90 - 1.10

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

● Solid Ink Densities After 24 hrs

Black-1.70 Cyan-1.35 Mag-1.45 Yelo-1.00

The above measurement device settings are: Illuminant D₅₀, 2° observer angle, Status *T*, without polarization or UV filters. Paper white has been zeroed out. Print testing on a #1 gloss sheet, without aqueous coating, has shown **extremely low** density dryback of only (in density points):

Black- 7 Cyan- 1 Magenta- 1 Yellow- 1

● Dot Gain / 200 Line

At the above ink densities on a #1 gloss sheet, with no AQ, *Gans' AURORA* printed extremely sharp, **even at 15,000 IPH!**

Black- 15% Cyan- 16% Mag- 16% Yelo- 14%

● Stay Open (Skin-time)

Gans' AURORA process series will not begin to develop a skin in the can or the fountain for at least **5 days**. Extreme ambient temperatures will affect this stay open period.

● Ink Glossiness

At a 60° angle *AURORA* showed a gloss reading of **77.4 units** over 340% ink coverage on a #1 gloss coated sheet, without aqueous coating. Compare this to other quick-set inks that only measure in the 60's to low 70's! Additionally, because of *AURORA's* ultra fast set speed, aqueous coated images will achieve higher gloss levels as well!

● Post Processing

This process series is considered finishing friendly and can be UV coated or foil embossed **after 48 hours**. These inks are considered laser imprintable on *uncoated paper*, although pre-testing is always required for guaranteed performance.

CONTACT GANS TODAY TO LEARN MORE ABOUT AURORA PROCESS INKS

1441 Boyd Street, Los Angeles, CA 90033

● www.gansink.com ● (800) 421-6167 ● Fax (323) 264-2916

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