



**GANS INK  
& SUPPLY CO.**



**LONGEVITY  
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# Seaside 4C Process

The *Seaside* 4 color process series was developed to set and dry extremely fast on coated and especially uncoated paper stocks. Exhibiting an extremely glossy finish, *Seaside* is an excellent choice for quality conscious commercial printers that need a cost effective process series that will work well in a wide variety of applications.

## TECHNICAL PERFORMANCE DATA

### Seaside Item Numbers

Black- A128157      Cyan- A128158  
Mag- A128159      Yelo- A128160

### Ink Hue/Strength

Gans *Seaside* process series has been certified by PIA/GATF to meet ISO 2846-1 (Commercial Printing) tolerances for Transparency, Hue and Chroma. For printers desiring to print to ISO 12647-2 standards or GRACoL's G7 methodology, *Seaside* process will insure your ability to achieve those targets.

### Ink Tack Readings

Black-14.5   Cyan-14   Mag-13   Yelo-11.5

The above tack readings are taken at 1200 RPM, 1 minute, 90° F, Thwing Albert 101 Inkometer.

### Set Speed

Gans *Seaside* process series rated 375 out of 400 on Gans' internal scale for set speed on a #1 gloss coated sheet. Considered an ultra-quick set process series, *Seaside* can be turned within minutes on gloss stock under typical conditions.

### Scuff-Resistance

Overall, this process inkset rated a 28 out of 40 on Gans' internal scale for scuff-resistance. This test is performed on a #1 gloss coated sheet, 24 hours after printing. *Seaside* 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.

### Stay Open (Skin Time)

Gans *Seaside* process series will not begin to develop a skin in the can or the fountain for at least 6 days. Extreme ambient temperatures will affect this stay open period.

### 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 D<sub>50</sub>, 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 a density dryback (in density points) as follows:

Black-19   Cyan-5   Magenta-5   Yellow-2

### Dot Gain @ 50%, AM 175 Line

At the above ink densities on a #1 gloss sheet, with no AQ, Gans *Seaside* printed at the following gain percentages:

Black-22%   Cyan-16%   Mag-16%   Yelo-14%

### Solid Overprint Trapping

At the above solid ink densities on a #1 gloss sheet without aqueous coating, Gans *Seaside* process series trapped as follows:

Red- 76%   Green- 87%   Blue- 70%

### Ink Glossiness

At a 60° angle *Seaside* showed a gloss reading of 85.7 units over 340% ink coverage on a #1 gloss coated sheet, without aqueous coating. This series is Gans Ink's ***glossiest 4 color process ever!*** No longer is it necessary to accept a slower set-speed for a glossy appearance, Gans has developed the ultra quick-set technology to allow *both* higher gloss *and* the fastest turnaround times possible!

### 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.

*If you need faster turnaround times without compromising a rich, glossy appearance, Call Gans today! Seaside is the answer!*