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A FAMILY COMPANY



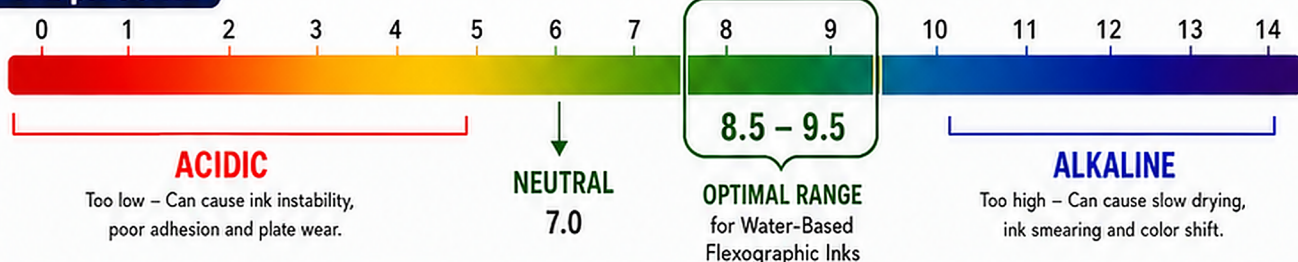
KEEP pH IN THE GREEN

GET THE pH RIGHT. GET THE PERFORMANCE RIGHT.

pH is a critical factor in ink performance, stability, and print quality.

Ideal pH Range: 8.5 – 9.5

THE pH SCALE



WHY pH MATTERS

- ✓ Ink stability
- ✓ Adhesion
- ✓ Drying consistency
- ✓ Color consistency
- ✓ Plate wear



IF pH IS TOO LOW (ACIDIC)

- ✗ Poor ink stability
- ✗ Build-up on plates
- ✗ Poor adhesion
- ✗ Fast drying
- ✗ Increased dot gain
- ✗ Color shift and fading



OPTIMAL pH RANGE (8.5 – 9.5)

- ✓ Best ink stability
- ✓ Strong adhesion
- ✓ Consistent drying
- ✓ Better color consistency
- ✓ Reduced plate wear
- ✓ Optimal print performance



IF pH IS TOO HIGH (ALKALINE)

- Slow drying
- Ink smearing
- Color shift



pH ADJUSTMENT PROCEDURES

- 1 If pH is too low – raise pH
- 2 Use anilox cleaner / pH adjuster
- 3 Add small amounts (1–2 ml per lb of ink)
- 4 Mix thoroughly
- 5 Test pH
- 6 Repeat until pH is 8.5–9.5



IMPORTANT!

Always add adjustment products slowly. Over-adjusting can cause ink instability and print defects.



TIPS FOR ACCURATE READINGS

- ✓ Rinse the probe with clean water before each test
- ✓ Test at room temperature
- ✓ Stir ink gently before testing
- ✓ Calibrate your pH meter daily

GOOD PRINTING STARTS WITH CONTROL.



PRESSURE
in control



INK
in control



TEMPERATURE
in control



TIME
in control

**BETTER PRINTING.
LESS WASTE.
HAPPIER CUSTOMERS.**



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