

TECHNICAL RESOURCES & INK EXPERTISE

SCAN TO ACCESS

Company website with contact resources, product information, and training PDF posters.



WWW.JMFRYINKS.COM



**Better Printing. Less Waste.
Happier Customers.**

WHY J.M. FRY INKS?

AMERICAN-MADE FLEXOGRAPHIC INK SOLUTIONS



AMERICAN MADE

Proudly manufactured in the USA.



CONSISTENT QUALITY

Tight tolerances for reliable results.



TECHNICAL EXPERTISE

Ink knowledge you can trust.



WIDE PRODUCT LINE

Solutions for real applications.



FAST SERVICE

Real people. Real answers.



A FAMILY COMPANY

Focused on values and customers.



PRINT QUALITY STARTS WITH CONTROL

PRECISION.
PERFORMANCE.
PERFECT INK.

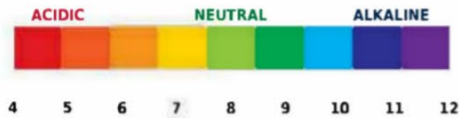


WE MAKE INK. BETTER INK. TOGETHER.

**BETTER QUALITY | LESS WASTE |
LOWER COSTS | HAPPIER CUSTOMERS**

pH CONTROL

THE SWEET SPOT FOR INK PERFORMANCE



IDEAL RANGE

8.5 - 9.5



BETTER ADHESION

Optimal pH promotes strong ink-to-substrate bonding.



CONSISTENT COLOR

Stable pH delivers color every time.



REDUCES WASTE

Fewer defects, fewer reprints, lower costs.

QUICK TIPS

- ✓ Measure pH at least once per shift
- ✓ Use distilled water to rinse probe
- ✓ Recalibrate daily for best accuracy

THE PROCESS CONTROL FORMULA

GOOD PRINTING

STARTS WITH

CONTROL



pH

pH
Controls ink stability, adherence & color

V

VISCOSITY
Ensures proper flow, transfer & coverage

T

TEMPERATURE
Affects viscosity, drying & consistency

P

PRESSURE
Impacts ink transfer & dot gain

T

TIME
Dwell time affects drying & cure

CONTROL THE VARIABLES. CONTROL THE RESULTS.

THAT'S THE J.M. FRY DIFFERENCE.

VISCOSITY CONTROL

CONSISTENT VISCOSITY = CONSISTENT RESULTS

THE STREAM BREAK

Use the stream to test and set viscosity. Stop timing at first stream break.



5-STEP PROCEDURE

1. Stir ink thoroughly

2. Fill cup completely

3. Lift cup and start timer

4. Stop at stream break

5. Record seconds

TARGET RANGE

24-28 seconds

(Adjust per ink and press conditions)



USE A #2 ZAHN CUP (ASTM D4212)

Measure in seconds. Control with confidence.

MADE IN THE USA

BETTER PRINT QUALITY

IMPROVED CONSISTENCY

LOWER DOWNTIME

REDUCED WASTE

STRONGER PROFITS