



AP3 AQUAPRIME™

Water Base Process Ink Series

artience Co., Ltd.

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Ink System Info:

AP3 Process inks are designed for Flexo surface printing on coated and uncoated paper and folding carton substrates. The ink system will achieve high densities on low volume aniloxes for high end graphics. AP3 AQUAPRIME is the Process Ink set used in conjunction with the AQUAPRIME Line ink systems AP5 & AP6.

Physical Characteristics:

- High density on paper.
- High speed printing capable.
- Good Dot structure.
- Clean printing.
- Non blooming for COF applications.

Ink Specifications:

- Shipping viscosity: 15-20 sec. #3 Signature Zahn
- Print viscosity-process inks: 13 – 15 #3 sec. #3 EZ Zahn
- PH 9.30 – 9.6 printing range.
- Ink Storage- 50F-100F in provided containers, out of direct sun.

Reducers:

- Standard: Water
- Fast blend: 90/9/1 Water/ Ethyl Alcohol / Ammonia
- Slow additive: ADD-X1117 DPM *Use only as needed for print quality.*

Substrates:

- Uncoated paper bleached or natural
- C1S
- SBS
- CCNB

More specific structures can be requested by the TIA R&D center for ink properties and performance results.

Standard Ink CI numbers:

BLK7, Y74, Y83, Y14, R81, B15:3, G7, R22, R2, W6, O16, O5, V27, V23, R57:1, R122, R184
HPFR pigmented inks available upon request.

For technical assistance, call 1-979-778-1538.

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