



PREMIUM DYE-BASED INKJET INKS

ARINEX

PRECISION INK

CONSISTENT PRINT QUALITY

Engineered for professional inkjet printing with vibrant colors, smooth jetting, and reliable performance.



**VIBRANT
COLORS**



**RELIABLE
OUTPUT**



**CONSTANT
QUALITY**



**ENGINEERED
FORMULATION**



**TECHNICAL
SUPPORT**

WHY ARINEX ?

PREMIUM DYE-BASED INKJET INKS

Engineered for Stable Inkjet Performance

ARINEX® dye-based inks are precision-formulated to deliver exceptional print quality, smooth jetting and vibrant colors results across a wide range of media and applications.



KEY BENEFITS



High Optical Density
Deep and rich colors with wide color gamut



Fast Drying
Quick absorption and minimal waiting time



Smooth Flow
Consistent ink delivery and stable jetting



Reduced Nozzle Clogging
Advanced filtration for uninterrupted printing



Excellent Decap Performance
Quick recovery and reliable nozzle performance



High Color Stability
Resists fading and maintains vibrancy over time



Batch Consistency
Every production batch meets the same high standards



Long Shelf Life
Formulated for extended, reliable storage



No Sedimentation
Stable formulation ensures long-term consistency



Low Odor & Safe Handling
Formulated for a better working environment



COMPATIBLE PRINTHEADS

EPSON®

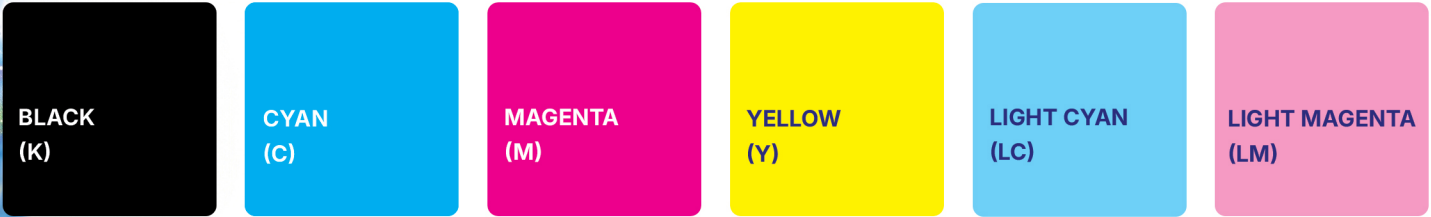


Optimized for EPSON® inkjet printheads

PRODUCT RANGE

COMPLETE COLOR PORTFOLIO

STANDARD COLORS



AVAILABLE PACKAGING



120 mL 250 mL 1 L 4.5 L 20 L

KEY SPECIFICATIONS

Ink Type	Dye-Based
Colors	K, C, M, Y, LC, LM
Compatibility	EPSON® Piezo
pH	7.5 - 8.5
Viscosity (25 °C)	2.0 - 3.5 mPa.s
Surface Tension	28 - 35 mN/m
Density	1.01 - 1.05 g/cm³
Filtration	≤ 300 nm
Storage Temperature	5 - 35 °C
Shelf Life	Up to 24 Months

APPLICATIONS



Photo Lab



Digital Printing



Educational Institutions



CAD / GIS Printing



Document Printing



Copy Centers



Advertising



Fine Art Printing

TECHNICAL HIGHLIGHTS

- ✓ Adjusted pH For Long-Time stability and Printhead Safety
- ✓ Low Viscosity Variations During Shelf Life
- ✓ Low Foam Formation in Printhead
- ✓ Excellent Decap and Recovery
- ✓ Ultra-fine Multi-stage Filtration
- ✓ Wide Media Compatibility
- ✓ Low Surface Tension



ABOUT BORNA CHEM.

ARINEX® is the registered brand for premium dye-based inkjet ink produced by Borna Shimi Arya (Borna Chem). With advanced formulation expertise, modern production facilities, and strict quality control, we deliver inks that meet the demands of different professional printing environments.



OUR QUALITY ASSURANCE PROCESS



Raw Materials

Carefully selected high-quality dyes and chemicals.



Formulation

Formulated for stability, color performance and compatibility.



Ultra-fine Filtration

Multi-stage ultra-fine filtration (≤ 300 nm) to ensure smooth ink flow and nozzle protection.



Batch Testing

Each batch tested based on quality control procedures.



Performance Validation

Validated by printing tests to guarantee consistent performance.



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