



Hassle-free inks



The first inkjet ink manufacturer in the MENA region

From **Egypt** to the World



www.edgecolours.com

About Us

Digital inkjet ink manufacturer

Edge Colours is a professional manufacturer of digital inkjet inks; our products have been designed & developed to meet digital professional printers' expectations. We provide high quality Nano inks with strong and vivid colors that boost the productivity and optimize the cost.



The first in the MENA region

Edge Colours Capitalize on more than 15 years' experience in chemical manufacturing; proud to be the first inkjet ink manufacturer in the Middle East & North Africa Region based on our R&D capabilities.

Distinctive manufacturing strategies

We adopt group of manufacturing strategies which is reflected on competitive advantages in our products on both aspects quality & price.

In-house R&D capabilities

Edge Colours in-house R&D's scientists are committed to develop smart solutions within the inkjet ink industry which is reflected on product designing & efficient technical support.



Manufacturing Capabilities

- 10,000 SQM facility (expandable to 30,000 SQM).
- Manufacturing capacity 25 tons per week.
- Strict raw materials inspection equipment.
- Advanced LAB equipment.
- Well established QMS processes.
- On-site warehousing.
- Packaging and private label capabilities.

Quality Assurance process

-  **Raw Materials Selection**
We use high quality raw materials recommended by our R&D team.
-  **Raw Materials Inspection**
We do analysis under supervision of qualified quality control chemists.
-  **Production Environment**
Production occurs at strict temperature and humidity plant.
-  **Filtration Process**
Ultrafine and high quality filters are used to prevent nozzle clogging and ensure jetting stability.
-  **Packaging**
Packaging carried out in clean and healthy environment to ensure no contamination in the ink.
-  **Tracking**
All batches records and parameters are archived in our QMS system to be easy to track any complaint.



Professional B2B partners

Our business model is based on partnership with the right distributor in the targeted countries, with full support on different aspects, marketing, technical support and logistics.

We believe in long-term relationship and win-win situation, we manage the relation with our distributors in a professional way, through efficient processes & tools which facilitate managing our mutual business cooperation.

TROPO - ES

Eco Solvent Inkjet

Edge Colours ES is an eco solvent based digital ink for printing with the highest pigment concentration. Our eco-solvent inks (ES), are suitable for high quality vivid colors printing with no-toxicity, no-pollution, odor-less and environmentally friendly.

Our aggressive filtration standards deliver superior performance and maximize printing system up time and performance. Eco-Solvent inks are developed to give excellent adhesion, excellent scratch & UV light resistance. Intensive test performed on different printers equipped with Epson printing heads (DX5, DX7). has shown excellent properties of run stability.



General Features and Ink Properties

- High optical density.
- Vibrant colors and high gloss.
- Low odor formulation.
- Long term outdoor performance.
- Enhanced drying characteristics minimize the risk of "clogging".
- Plug and play inks with limited or no change in the printing machine parameters.
- Wide color gamut helps in excellent color range.
- Perfect rheological properties give the ink stable physical properties during its processing.

Compatible printheads

The product is suitable for all printers equipped with Epson piezoelectric technology (DX4, DX5 & DX7).
Seiko 580GS

Specifications

Viscosity	< 10 cP
Surface Tension	28 – 31 dyne/cm
Particle Size Range	< 250 nm
Light Fastness	7 - 8
Odor	Odorless

Colors & Packaging

Packaging

- 1 liter pack - 20 per box.

Available Colors

- Cyan
- Magenta
- Yellow
- Black
- Light Cyan
- Light Magenta
- Flush / Cleaner



Outdoor durability

TROPO - MS

Mild Solvent Inkjet

Tropo MS is high quality mild solvent ink, ideal for high speed & productive environment. Mild solvent utilize the benefits of solvent inks while keep low toxicity levels comparing with normal solvent inks. Slight smell & low odor formulation make these inks are much more environmentally-friendly.



General Features and Ink Properties

- Light smell solvent & low odor formulation.
- Long term outdoor performance.
- High optical density.
- Vibrant colors and high gloss.
- Consistent color density values.
- Enhanced drying characteristics minimize the risk of "clogging".
- Wide color gamut helps in excellent color range.
- Perfect rheological properties give the ink stable physical properties.

Compatible printheads

- Spectra Polaris PQ-512/35PL
- Spectra Polaris PQ-512/15PL
- Seiko SPT-510 / 35PL
- Konica KM256, 512 & 1024/42PL
- Konica KM512 MN/14PL
- Ricoh Gen4&5/7PL

Specifications

Viscosity	< 15 cP
Surface Tension	28 – 31 dyne/cm
Particle Size Range	< 250 nm
Light Fastness	7 - 8
Odor	Mild

Colors & Packaging

Packaging

- 1 liter pack - 20 per box.
- 5 liter pack - 4 per box

Available Colors

- Cyan
- Magenta
- Yellow
- Black
- Light Cyan
- Light Magenta
- Flush / Cleaner



Outdoor durability

TROPO - S

Solvent Inkjet

Tropo S ink has been developed to meet all professional printers' requirements with the easiest way to be installed on your machines; almost no change in the printing machine parameters. By select the optimum raw materials combined with our own developed formula, we give our inks high optical properties and excellent stability while keep our inks profitable for all industry stakeholders.

As an industry expert, We are not only focus on the final product properties; we also focus on ink effect on the machine parts, by using balanced ink solvency power helps to protect the printing machines parts from damaging or corrosion and keep it always clean and keep our customers away from any hidden costs. Our restricted quality control process guarantees consistent batch to batch quality.



General Features and Ink Properties

- High optical density & color strength.
- Vibrant colors and high gloss.
- Excellent color gamut with strong color strength.
- Long-term outdoor Ink durability.
- High abrasion and scratch resistance.
- Excellent adhesion and flexibility on outdoor media.
- Wide color gamut helps in excellent color range.
- Balanced ink drying time prevent nozzles clogging.

Compatible printheads

- Spectra Polaris PQ-512/35PL
- Spectra Polaris PQ-512/15PL
- Seiko SPT-510 / 35PL
- Konica KM256, 512 & 1024/42PL
- Konica KM512 MN/14PL
- Xaar 128/80PL
- StarFire SG1024-SA/ 25PL

Specifications

Viscosity	10 -16 CP
Surface Tension	28 – 31 dyne/cm
Particle Size Range	< 250 nm
Light Fastness	6 - 8
Odor	Mild

Colors & Packaging

Packaging

- 1 liter pack - 20 per box.
- 5 liter pack - 4 per box

Available Colors

- Cyan
- Magenta
- Yellow
- Black
- Light Cyan
- Light Magenta
- Flush / Cleaner



Outdoor durability



PROTEX - DS

DYE SUBLIMATION
DIGITAL INK

PROTEX –DS ink is a series of Nano – Dispersed aqueous dye sublimation inks formulated with high quality disperse dyes to provide excellent printing quality for digital sublimation applications with piezoelectric print head Printers. Specially for Epson (DX5,DX7)

PROTEX –DS ink series are designed to give excellent color vibrancy with the assurance consistency in color shade and density print after print.

Also they give optimum performance in color, ink release and process efficiency



PRINT HEAD COMPATIBILITY

Epson DX-Series (DX5,DX7)
Epson 3200 (also called Epson 4720)
Kyocera KJ4B-0150

GENERAL FEATURES AND INK PROPERTIES

Brilliant and Vivid Colours.
High Concentrated Inks for low consumption.
Fast Drying on transfer Papers.
Wide color Gamut results in great color range.
Perfect Jettability and durable Printing.
Excellent light- and wash-fastness, resistance.
Excellent nozzle stability for high-speed printing.

STORAGE AND

12 Months under temperature range: 5-35°C
Storage humidity ranged from 45-50 RH %

PACKAGING

1 Liter Pack – 20 per Box

SUBSTRATES

100% polyester fabrics
Blended Polyester fabrics with minimum 70 %
Garment, Towels, flags and banners

VIVID COLURES
CONSISTENT QUALITY.



EXCELLENT TRANSFER
PLUG & PLAY



CHANGE TO EDGE

Large format inkjet inks



TROPO - ES
ECO-SOLVENT

TROPO - MS
MILD SOLVENT

TROPO - S
SOLVENT

PROTEX - DS
DYE SUBLIMATION

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