

Marking and Coding Inks

Kao manufactures standard and customised ink formulations suitable for marking and coding for food, pharmaceutical, beverage, and industrial products to comply with regulations for tracking products with barcodes, lot codes, and precise expiration information.

INK ADVANTAGES

- High resolution and legibility
- Industry-leading decap
- Compatible with cartridges with 12mm gap throw distance
- High opacity
- Deeper blacks
- Print on curves
- Reduces environmental impact compared to CIJ
- Heat resistant
- High durability

AVAILABILITY

- Continuous supply
- No minimum order
- Single cartridges and bulk packaging
- Black, spot colours and CMYK+

Supported Applications

Cans, glass and plastic beverage containers

Pharmaceutical blister packaging

Shrink sleeves

Labels

Cardboard boxes

*These inks are produced by Kao and have undergone extensive lab and production testing. Third-party regulatory compliance testing may also be necessary for evaluating ink migration.

INKS FOR MARKING AND CODING

Inks for Non-Porous Materials

We manufacture solvent inks with specific performance characteristics for printing capabilities on thermal and piezo technology. Kao also produces customized formulations to meet a customer's performance requirements.

Inks For Porous Materials

There are a wide range of inks for thermal inkjet and piezo inkjet printing systems

- Water-based dye
- Water-based pigment
- Bio-ink mineral-oil-free (MOF)
- Oil-based
- Invisible security inks
- Fluorescent inks

FEATURED INKS FOR MARKING AND CODING

Solvent Inkjet Inks

Our solvent inks for thermal inkjet inks for HP and Funai printing systems are compatible with printing marking and coding on flexible packaging.

NEXXO for Funai

- Up to 12mm gap throw distance – prints on curves
- High-resolution barcodes and type
- Deep blacks for better scannability
- Print on more non-porous substrates
- Less downtime
- Optimises high-speed, high-volume production
- Larger drop size

SIGMA for HP

- 12-hour decap for greater up-time
- Greater uptime
- Rapid heatless drying
- 24-month shelf life
- Lowers environmental impact by producing less waste
- Reduces energy consumption with heatless curing
- Reduced nozzle failure

Bio-based Mineral-oil-free Ink for Cardboard

These sustainable piezo inks meet compliance requirements for increasingly stringent environmental legislation and regulations worldwide and are formulated to replace petroleum-based inkjet inks for secondary packaging.

- Eco-friendly
- No hazardous pollutants (HAPs)
- Compostable
- Alternative for oil-based inks
- Meet strict European standards