

Ax-Series i-Pulse blue egg coding ink

Ink 4BL104 for Ax-Series continuous inkjet printers is designed for egg shell coding and is suitable for direct food contact packaging. The ink gives excellent in-printer reliability and high quality, consistent print.

This ink has been designed and produced to Good Manufacturing Practice – Printing Ink for food contact materials*. This independent, auditable GMP means that the ink is manufactured to Direct Food Contact Packaging guidelines and will help support your local food legislation requirements and food safety certifications including FDA and EU food contact packaging requirements. This ink is also certified Kosher.

This low solvent consumption blue ink is typically used for egg coding. In-printer performance and reliability is good however there are limitations with this ink type: adhesion is an issue with both egg white and water. Condensation or boiling the egg are likely to degrade and potentially remove the code.

Additional supporting documentation for this ink is available on MSIP.

*European Printing Inks Association

Key features

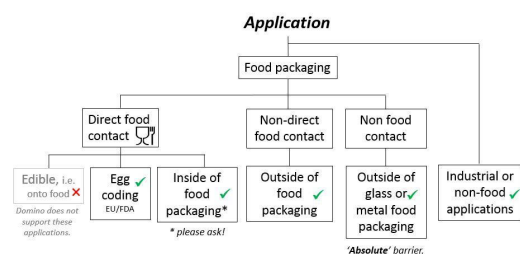
- Blue ink suitable for egg shells
- FDA and EU-compliant for direct food contact packaging
- Low solvent consumption
- Designed and manufactured to EuPIA GMP guidelines
- Kosher certificate is available



Product overview

Ax-Series i-Pulse blue ink for direct food contact (DFC) packaging egg coding applications

Approvals & Certifications



This ink is designed for DFC packaging applications and egg coding.

All raw materials used in the ink are listed in the EU, USA and China for use in Direct Food Contact Packaging applications.

The ink is manufactured to EuPIA GMP standards.

Part number and packaging

	Part number	Container	Quantity	Shelf life
Ink	IC-4BL104	Cartridge (0.825 litre)	Each	12 months
Make-up	MC-4BL104-4	Cartridge (1.2 litre)	Case of 4	12 months
Wash	WL-400	Bottle (1litre)	Each	24 months

Printer compatibility

Ax 150i i-Pulse & RS Printheada	3 metre conduit	60 micron nozzle
Ax350i, Ax550i i-Pulse & RS Printheads	3 and 6 metre conduit	60 micron nozzle
i-Tech module	Type 2 module	ITM life 12 months

Storage and operational environment

Storage and transportation	Temperature: 5°C to 35°C	Humidity: 10%-90% RH non-condensing
Printer running environment	Temperature: 5°C to 45°C	Humidity: 10%-90% RH non-condensing

End user properties

This is an FDA and EU compliant direct food contact packaging blue ink generally used in egg coding applications.

Dry time generally limits use of this to egg shells and porous packaging applications.

The end user properties of the ink are application and substrate dependent. This is particularly important with egg shell where there is a wide variation in the types of shell.

It is known that this ink has limitations in terms of resistance to both egg white and water. Condensation or boiling the egg are likely to degrade and potentially remove the code.

Supporting documentation

Safety Data Sheets	SDSs for all supported jurisdictions / languages are available through the SDS link on the Domino website home page.
Technical Data Sheets	A TDS for the ink is available on the My Domino MSIP portal.

Quality Assurance

Domino always recommends that only Domino fluids are used in Domino printers. All Domino fluids are fully tested in Domino printers to assure optimum levels of performance throughout the specified operational envelope. All Domino fluids should be used within their rated Shelf Life.

We reserve the right to change the design or specification of our products without notice. Some of the information contained in this brochure is general in nature and customers should check that it is applicable to their individual circumstances. Version OD2 Aug 2017.