

# Ax-Series i-Pulse Red direct food contact ink

Ink 4RD103 for Ax-Series continuous inkjet printers is designed for direct food contact packaging applications, such as in-pack lottery and gaming applications. It is also suitable for egg shell coding.

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.

Ink 4RD103 is a fast drying red ink designed for applications where the printed code may come into contact with food such as flexible packaging. It is typically used for confectionery lottery and gaming applications, for example to pre-print 'winning numbers' on the inside surface of a chocolate bar wrapper. This ink is also suitable for egg shell coding where a fast dry time is required. Additional supporting documentation for this ink is available on MSIP.

\*European Printing Ink Association GMP March 2016

## Key features

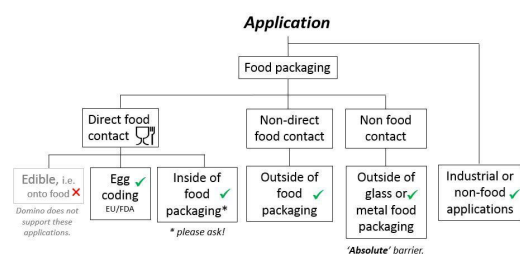
- FDA and EU-compliant for direct food contact packaging
- Red ink suitable for flexible packaging and egg shells
- Fast drying formulation
- Good adhesion to flexible film
- Designed and manufactured to EuPIA GMP guidelines
- Good egg white resistance and improved boil resistance



## Product overview

### Ax-Series Red direct food contact ink packaging and 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-4RD103	Cartridge (0.825 litre)	Each	12 months
Make-up	MC-4RD103-4	Cartridge (1.2 litre)	Pack of 4	12 months
Wash	WL-490	Bottle (1litre)	Each	12 months

#### Printer compatibility

Ax150i i-Pulse printhead	3 metre conduit	60 micron nozzle
Ax350i, Ax550i i-Pulse & RS Printheads	3 and 6 metre conduit	60 and 75 micron nozzles
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 ink widely used for flexible packaging and cardboard and is also suitable for egg coding applications.

- Good adhesion to flexible films such as confectionery packaging
- Good adhesion to egg shell with resistance to egg white & improved boil resistance
- Fast drying

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

#### 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 through out the specified operational envelope. All Domino fluids should be used within their rated Shelf Life.

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