Domino i-Pulse bright white general purpose ink

2WT840 is a high opacity white, fast dry ink for a wide range of general purpose applications. This ink offers the full 5-45°C operating range and is suitable for a wide range of substrates

White ink 2WT840 is for use in the Ax-Series printers. 2WT840 is suitable for use on many industrial and packaging materials including aluminium, steel, glass and plastics including ABS, LDPE, HDPE, Nylon, Perspex, PET and polycarbonate. We recommend sampling on specific substrates to check adhesion/scratch, and also to prove the printed code through any post-coding processes.

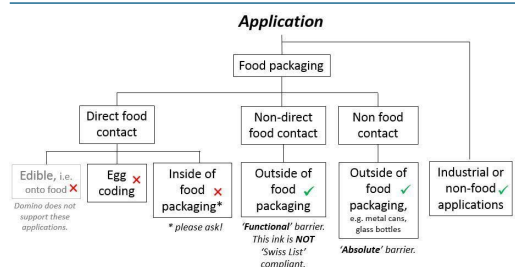This MEK based ink is halogen and heavy metal-free by design and RoHS compliant.

Key features

- High opacity codes
- Halogen and heavy metal-free, RoHS compliant
- 12 month Ink Shelf Life and full 5-450C range
- Good performance in a wide range of applications

Domino. Do more.

Product overview

Domino i-Pulse bright white general purpose ink

Approvals & Certifications

Application

Food packaging

- Direct food contact
  - Edible, i.e. onto food ✗ *Domino does not support these applications.*
  - Egg ✗ coding
  - Inside of food ✗ packaging* ** please ask!*
- Non-direct food contact
  - Outside of food ✓ packaging *'Functional' barrier. This ink is NOT 'Swiss List' compliant.*
- Non food contact
  - Outside of food ✓ packaging, e.g. metal cans, glass bottles *'Absolute' barrier.*
- Industrial or non-food ✓ applications

This ink is designed to be in accordance with EU Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

This ink is designed to be in accordance with EU Directive 2012/19/EU on waste electrical and electronic equipment (WEEE).

This ink is not compliant with Swiss Ordinance SR817.023.21. This ink is manufactured to EuPIA GMP standards. If unclear about the suitability of this ink in a given application, please refer to your local Account Contact who will escalate via Channel Support as needed.

Part number and packaging

	Part number	Container	Quantity	Shelf life
Ink	IC-2WT840	Cartridge (0.555 litre)	Each	12 months
Make-up	MC-2WT840-4	Cartridge (1.2 litre)	Case of 4	24 months
Wash	WL-210, WL-200	Bottle (1 litre)	Each	24 months

Printer compatibility

Ax350i, Ax550i i-Pulse Printhead	3 and 6 metre conduit	60 and 75 micron nozzles
i-Tech module	Type 3 module	ITM life 6 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

I-2WT840 is designed to give good adhesion and scratch resistance on a wide range of substrates such as glass, a range of plastics (including Polycarbonate, ABS, Nylon, and Perspex) and metals. It is a high opacity white ink with excellent lightfastness: 7 – 8 Blue Wool Scale (based on pigment)

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 OD1 September 2016.