

# Ax-Series i-Pulse light blue Cable & Wire ink

2BL859 is a fast drying light blue pigmented ink designed to give high contrast prints on both light and dark cables, wires and extrusions. It has excellent non-transfer properties on plasticised PVC cables when product is wound onto spools.

This Ax-Series i-Pulse light blue pigmented ink is fast drying and MEK based. It is suitable for marking on substrates such as plasticized PVC cables, wires and tubes without colour bleed or transfer (also called offset). The colour has been optimised to give maximum visibility when printed onto dark and light coloured substrates

This ink has high opacity, excellent light fastness, and has shown high temperature resistance (up to 300°C for 20 mins).

## Key features

- Light blue, high contrast opaque ink
- Suitable for PVC cable and wire applications with non-transfer (offset) properties.
- Designed specifically to give high visibility on many different coloured PVC cables with no offset and excellent adhesion.
- Does not affect your products' RoHS and WEEE compliance
- High temperature resistant up to 300°C for 20 minutes.

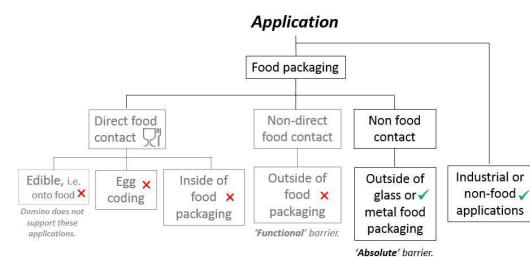
Note - this ink is suitable for use on rubber applications but more test results are required before full vulcanisation resistance can be claimed (to be updated once more trials are complete).



## Product overview

### Ax-Series i-Pulse light blue Cable and Wire ink

#### Approvals & Certifications



The compliance of equipment with RoHS & WEEE (Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU, including annex II amendment Directive (EU) 2015/863 and Waste Electrical and Electronic Equipment (WEEE) Directive 2012/19/EU) is unaffected by codes printed with this ink.

This ink does not conform to Swiss Ordinance SR817.023.21 and is not manufactured to EuPIA GMP standards so it is not suitable for food packaging except on glass or metal containers.

If unclear about the suitability of this ink in an 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-2BL859	Cartridge (0.555 litre)	Each	12 months
Make-up	MC-2BL859-4	Cartridge (1.2 litre)	Case of 4	24 months
Wash	WL-200 or WL-210	Bottle (1litre)	Each	24 months

#### Printer compatibility

Ax350i, Ax550i i-Pulse & RS Printheads	3 and 6 metre conduits	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

The ink is suitable for coding onto a range of substrates including PVC cables and wires and has some high temperature resistance properties (tested for 20 minutes at 300°C on stainless steel).

It is an MEK based fast drying pigmented ink with a typical drying time of 1- 2 seconds. On a range of substrates this ink has a light fastness Blue wool rating of 5.

#### 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.

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