

Ax-Series i-Pulse White PVC/Electronics Ink

Ink 2WT860 is a fast dry bright white ink for a wide range of wires, cables and extruded products. It offers excellent adhesion, non-offset and high temperature resistance properties on PVC cables and electronics components.

Ax-Series i-Pulse White ink 2WT860 is for use in Ax-Series printers.

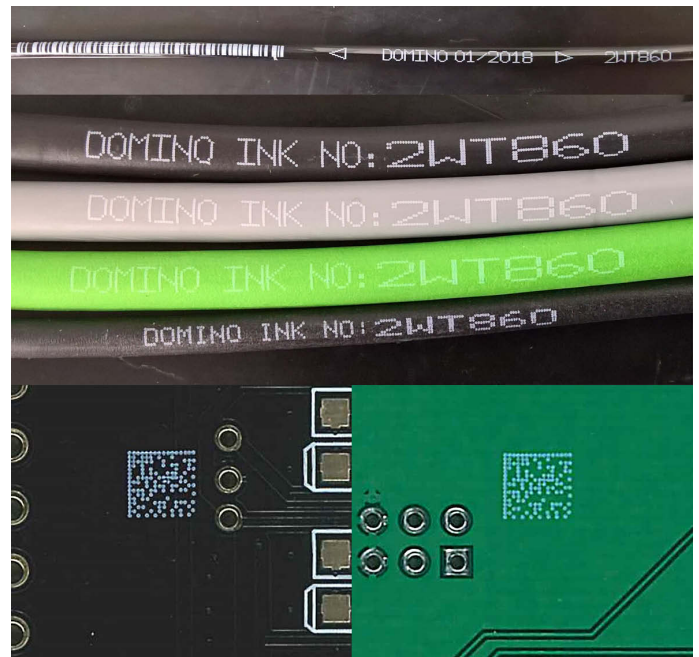
2WT860 was designed specifically for use on extruded products such as PVC cables, wires, hoses and profiles. This is an ideal ink for on-line printing of extruded product due to its excellent non-offsetting properties and water bath resistance.

This opaque white ink also has high temperature resistance (20 mins at 300°C) and is halogen and heavy metal free making it suitable for 2D and other coding on some coloured electronics components such as PCB, FPC, LCD reflector and batteries.

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).

Key features

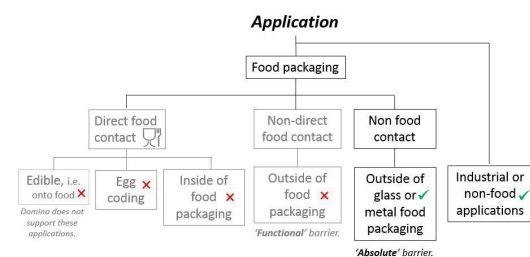
- Fast dry bright white ink designed for printing and coding extruded and plasticised PVC products.
- For extruded products where non offset, water and high temperature resistance is required
- Halogen and Heavy Metal free and high temperature resistant, makes this ink suitable for coding some electronics components
- Does not affect your products' RoHS and WEEE compliance
- Operates with full 5-45°C temperature range



Product overview

Ax-Series i-Pulse fast dry white 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-2WT860	Cartridge (0.555 litres)	Each	6 months
Make-up	MC-2WT860-4	Cartridge (1.2 litre)	Case of 4	24 months
Wash	W-210 / W-200	Bottle (1 litre)	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

A bright white, MEK based fast drying ink suitable for extruded PVC and plasticised PVC materials and some dark electronics components such as PCB, FPC, batteries and LCD reflector films. This ink has also shown excellent temperature resistance with only minimal colour change when tested in an oven at 300°C for 20 minutes on a stainless steel substrate.

This ink has very good Light fastness (Blue Wool Scale 8, to ISO 105-B02)

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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