

Citronix 302-4001-001 is a general purpose Ethanol based black ink with low odor. It is a very versatile ink that adheres well to many surfaces and works well in a wet environment.



- ✓ Ideal for wet environments
- ✓ MEK free, low odor ink
- ✓ Good adhesion on a variety of surfaces
- ✓ Excellent reliability

Applications

This ink is well suited for dairy, pharmaceutical and food (bakery & confectionary) industries. Depending on the application, the ink can also be suitable for glass, plastics, metal and coated and non-coated paper stock. Low odor levels make this ink particularly attractive in confined areas, where odor may be important and with foodstuff which are susceptible to taint (e.g. bread and milk). It is also suitable for applications that involve autoclave, retort, post steam sterilization or pasteurization. Dry time is typically 3 – 5 seconds depending on ambient conditions and substrate.

Ordering & Storage Information

	Part Number	Shelf Life	Storage Temperature	Pack Size
Ink	302-4001-001	24 months	2°C - 35°C (36°F to 95°F)	6 x 750mL bottles
Make Up	302-4003-001	24 months	2°C - 35°C (36°F to 95°F)	6 x 750mL bottles
Cleaning Solvent	300-4004-100	24 months	5°C - 35°C (41°F to 95°F)	4 x 1000mL bottles

*To ensure reliability, warranty and compliance, customers must only use this ink with approved make up and cleaning solvent. Use before expiry date is reached. Samples on customer products/substrates always recommended.

Operating Instructions

If the ink is frozen during shipping, allow it to thaw for a minimum of 48 hours at room temperature and shake well before using.

Health and Safety

The Safety Data Sheet (SDS) provides all health and safety information and can be downloaded from the following link: <http://www.my-sds.co.uk/customers/citronix.aspx>

Printer Compatibility

Printer	65 Micron Macro	65 Micron Normal	50 Micron	40 Micron
ci5200	●			
ci5300	●	●		
ci5500 / ci5650 Standard	●	●		
ci5500 / ci5650 HS50			●	
ci5500 / ci5650 Micro				●
ci5500 / ci5650 Pigment				
ci5500 / ci5650 Heavy Pigment				

Ink Properties

Parameter	Description
Color	Black
Ink Type	General Purpose
Solvent Base	Ethanol
Dry Time	3 – 5 seconds
Operating Temperature	10°C - 45°C (50°F to 113°F)
Operating Humidity	10% - 90% RH non-condensing
Filter Change	18 months 8000 hours

Umbilical Lengths

Umbilical Length	65 Micron Macro	65 Micron Normal	50 Micron	40 Micron
9ft Umbilical	●	●	●	●
15ft Umbilical	●	●	●	●
20ft Umbilical	●	●		

Adhesion Properties

● Fail ● Pass

Material	Rub Test	Tape Test	Scratch Test
Aluminum	● Pass	● Pass	● Pass
Copper	● Pass	● Pass	● Pass
Low Carbon Steel	● Pass	● Pass	● Pass
Stainless Steel	● Pass	● Pass	● Pass
ABS	● Pass	● Pass	
Acetal (Delrin)	● Pass	● Pass	
Acetate	● Pass	● Pass	● Pass
Acrylic (Perspex)	● Pass	● Pass	● Pass
Fluoropolymers (Teflon)	● Fail	● Fail	● Fail
Polyamides (Nylons)	● Pass	● Pass	● Pass
Polycarbonates	● Pass	● Pass	● Pass
Polyethylene Terephthalate (PET)	● Pass	● Pass	● Pass
Polyethylene (HDPE)	● Pass	● Fail	● Fail
Polyethylene (LDPE)	● Pass	● Fail	● Fail
Polypropylene	● Pass	● Fail	● Fail
Polystyrene	● Pass	● Pass	● Pass
PVC – Chlorinated or Unchlorinated	● Pass	● Pass	● Pass
PVC – Plasticised	● Pass	● Pass	● Pass

* Data contained herein is derived under laboratory conditions and should be used only as a guide.

** Where a Fail/Pass result is not recorded, the material adhesion test has not been performed or is inconclusive