

Citronix 302-1003-001 is a MEK based black ink with excellent adhesion onto most plastics glass and metals.

- ✓ Excellent adhesion onto a wide range of substrates
- ✓ Penetrates a thin layer of moisture condensation
- ✓ Excellent abrasion resistance
- ✓ Very fast drying – 1 to 2 seconds



Applications

This plastics ink has good adhesion onto a wide range of substrates including Glass (both returnable and non-returnable), plastics (such as PET bottles and poly-olefin twist-off caps), metals (such as two-piece aluminum cans and three-piece Tin Free Steel (TFS) cans) and coated paperboard/carton. It is well suited for the dairy and juice industries because of its ability to penetrate thin layers of moisture and adhere to waxy/greasy substrates as long as the substrate is not subject to hard abrasion.

Ordering & Storage Information

	Part Number	Shelf Life	Storage Temperature	Pack Size
Ink	302-1003-001	24 months	2°C - 35°C (35°F to 95°F)	6 x 750mL bottles
Make Up	302-1004-001	24 months	2°C - 35°C (35°F to 95°F)	6 x 750mL bottles
Cleaning Solvent	300-1005-200	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 there is a possibility that the ink has been frozen during shipping, bring to room temperature (70-75°F or 21-24°C) and shake 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	Plastic
Solvent Base	MEK
Dry Time	1 – 2 seconds
Operating Temperature	5°C - 45°C (41°F to 113°F)
Operating Humidity	10% - 90% RH non-condensing
Filter Change	12 months 6000 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
Tin/Tin Plate	● Pass	● Pass	● Pass
Glass/ Fiberglass	● Pass	● Pass	● Pass
ABS	● Pass	● Pass	● Pass
Acetal (Delrin)	● Pass	● Pass	● Pass
Acetate	● Pass	● Pass	● Pass
Acrylic (Perspex)	● Pass	● Pass	● Pass
Fluoropolymers (Teflon)	● Pass	● 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