

Citronix 302-1032-001 is a fast drying, MEK based black ink that is ideally suited for most plastics glass and metals.

- ✓ Excellent adhesion on plastics, metal and glass
- ✓ Can penetrate thin layer of oil
- ✓ Very fast drying – 1 to 2 seconds
- ✓ Excellent abrasion resistance



Applications

This fast-drying ink has excellent adhesion to plastics, specifically Polypropylene (TetraPak), Low Density Polyethylene (LDPE), High Density Polyethylene (HDPE), Bi-axially oriented Polypropylene (BOPP) and Oriented Polypropylene (OPP). It also has good adhesion onto other substrates such as glass, metals, coated paper stock and coated plastic cards such as used in the telecommunications and credit card industry. It can penetrate a thin layer of oil and achieve sufficient adhesion as long as it is not subject to hard abrasion. This ink will also withstand a retort process.

Ordering & Storage Information

	Part Number	Shelf Life	Storage Temperature	Pack Size
Ink	302-1032-001	18 months	2°C - 35°C (35°F to 95°F)	6 x 750mL bottles
Make Up	302-1033-001	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 21-24°C (70-75°F) and shake before using.

This ink is suitable for continuous and intermittent use, and it does not have any special cleaning or maintenance requirements.

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	18 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
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	● Pass	● Fail
Polyethylene (LDPE)	● Pass		● 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