

Citronix 302-1054-001 is an advanced MEK-based black ink for Micro printers. It has been developed primarily for electronics device and component marking where 'halogen-free' and 'heavy metal-free' are important regulatory requirements.



- ✓ Works in the Micro Printer for the electronics industry
- ✓ RoHS 2002/95/EC and WEEE 2002/96/EC compliant
- ✓ Very fast drying – 1 to 1.5 seconds
- ✓ High contrast

Applications

This ink has good adhesion and scratch resistance on glass, a range of plastics including polycarbonate, ABS, Nylon, Perspex, LCD foils, and metals. This ink is well suited for the electronics industry, and in particular hard disk drive manufacture where Halogens can be a contaminant. It is also heavy metal free, helping give it RoHS and WEEE certification.

Ordering & Storage Information

	Part Number	Shelf Life	Storage Temperature	Pack Size
Ink	302-1054-001	12 months	5°C - 35°C (41°F to 95°F)	6 x 750mL bottles
Make Up	302-1055-001	24 months	5°C - 35°C (41°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

This ink is only for use in ci5500/ci5650 Micro printers.

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	Specialty
Solvent Base	MEK
Dry Time	1 – 1.5 seconds
Operating Temperature	5°C - 45°C (41°F to 113°F)
Operating Humidity	10% - 90% RH non-condensing
Filter Change	12 months 4000 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
Stainless Steel	● Pass	● Pass	● Pass
Glass/ Fiberglass	● Pass	● Pass	● Pass
ABS	● Pass	● Pass	● Pass
Polyamides (Nylons)	● Pass	● Pass	● Pass
Polycarbonates	● Pass	● Pass	● Pass
Polyethylene Terephthalate (PET)	● Pass	● Pass	● Pass
Polyethylene (HDPE)	● Pass	● Fail	● Fail
Polyethylene (LDPE)	● Pass	● Pass	● Pass
Polypropylene	● Pass	● Pass	● Pass
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