

Citronix 302-1001-002 is a very versatile, fast drying MEK based black ink. It is designed as a general purpose ink with good end user properties across a range of different substrates.



- ✓ General purpose black ink
- ✓ Suitable for very wide range of substrates
- ✓ Very fast drying – 1 to 1.5 seconds
- ✓ Excellent reliability

## Applications

This general purpose ink provides excellent value and extremely stable operation in a wide variety of applications including food packaging, canning & bottling, industrial, building materials, plastic and metal drums. It has good performance in terms of high contrast, good adhesion and low offset on substrates including PVC, ABS, nylon, perspex, polycarbonate and in certain tests on glass, tin, polystyrene and stainless steel.

## Ordering & Storage Information

	Part Number	Shelf Life	Storage Temperature	Pack Size
<b>Ink</b>	302-1001-002	24 months	5°C - 35°C (41°F to 95°F)	6 x 750mL bottles
<b>Make Up</b>	302-1006-004	24 months	5°C - 35°C (41°F to 95°F)	6 x 750mL bottles
<b>Cleaning Solvent</b>	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 has no specific operating 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
<b>Color</b>	Black
<b>Ink Type</b>	General Purpose
<b>Solvent Base</b>	MEK
<b>Dry Time</b>	1 – 1.5 seconds
<b>Operating Temperature</b>	5°C - 45°C (41°F to 113°F)
<b>Operating Humidity</b>	10% - 90% RH non-condensing
<b>Filter Change</b>	18 months 8000 hours

## Umbilical Lengths

Umbilical Length	65 Micron Macro	65 Micron Normal	50 Micron	40 Micron
<b>9ft Umbilical</b>	●	●	●	●
<b>15ft Umbilical</b>	●	●	●	●
<b>20ft Umbilical</b>	●	●		

## Adhesion Properties

● Fail    ● Pass

Material	Tape Test	Scratch Test
Tin/Tin Plate	● Pass	● Pass
Zinc (Galvanized Steel)	● Pass	● Pass
Water resistant vinyl rubber	● Pass	● Pass
Glass/ Fiberglass	● Pass	● Pass
Acetate	● Pass	● Pass
Fluoropolymers (Teflon)	● Pass	● Pass
Polyamides (Nylons)	● Pass	● Pass
Polyethylene (HDPE)	● Fail	● Fail
Polyethylene (LDPE)	● Fail	● Fail
Polypropylene	● Fail	● Pass
Polystyrene	● Pass	● Pass
PVC – Chlorinated or Unchlorinated	● 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