

Citronix 302-1018-001 is an, alkali-soluble green ink that is designed to give good end user properties (high contrast and high gloss) on a range of substrates including glass, plastic bottles, cans and kegs.



- ✓ Alkali-soluble green ink
- ✓ High gloss and high contrast
- ✓ Ideal for returnable glass bottles (RGB) and metal casks
- ✓ Good adhesion on many plastics

Applications

Common applications for this ink include returnable glass bottles (RGB) and metal casks/kegs. It is a versatile ink suitable for wide range of substrates including glass, plastic bottles, cans and kegs. It is designed to be removed by a standard caustic wash. It should not be used in food and drink packaging applications where there is a risk of migration or offset.

Ordering & Storage Information

	Part Number	Shelf Life	Storage Temperature	Pack Size
Ink	302-1018-001	9 months	5°C - 35°C (41°F to 95°F)	6 x 750mL bottles
Make Up	302-1019-001	18 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 not recommended for applications where the product has surface condensation or where there is an intermittent print rate. For these applications, use of an air knife and positive air is recommended. Backflushes after shutdown may also help with nozzle blockages on start up.

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	Green
Ink Type	Specialty
Solvent Base	MEK
Dry Time	2 – 4 seconds
Operating Temperature	5°C - 45°C (41°F to 113°F)
Operating Humidity	10% - 90% RH non-condensing
Filter Change	9 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	Tape Test	Scratch Test
Aluminum	● Pass	● Fail
Low Carbon Steel	● Pass	
Stainless Steel	● Pass	
Tin/Tin Plate	● Pass	
Glass/ Fiberglass	● Pass	
ABS	● Pass	● Fail
Acrylic (Perspex)	● Pass	
Polyamides (Nylons)	● Fail	● Fail
Polycarbonates	● Pass	
Polyethylene – corona discharge treated	● Pass	
Polyethylene (HDPE)	● Fail	● Fail
Polyethylene (LDPE)	● Fail	● Fail
Polypropylene	● Pass	● Fail
Polystyrene	● Pass	
PVC – Chlorinated or Unchlorinated	● Pass	
PVC – Plasticised	● Fail	
Uncoated Cellulose Film	● Pass	● Fail

* 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