INK DATA SHEET
302-1017-004 Alcohol Resistant MEK Black Ink

Citronix 302-1017-004 is a very fast drying MEK-based black ink. It is designed to be resistant to alcohol with good end user properties across a range of different substrates.

- ✓ Alcohol resistant MEK based black ink
- ✓ Suitable for very wide range of substrates
- ✓ Very fast drying – 1 to 2 seconds
- ✓ Great for copper pipes

Applications

This versatile ink is suitable for a very wide range of applications including food packaging (non-food contact), wire & cable, canning, bottling, industrial, building materials, plastics and metal drums. It has high contrast and good adhesion on substrates including PVC, ABS, nylon, perspex, polycarbonate, glass, copper, tin and stainless steel.

Ordering & Storage Information

	Part Number	Shelf Life	Storage Temperature	Pack Size
Ink	302-1017-004	12 months	15°C - 35°C 591°F to 95°F)	6 x 750mL bottles
Make Up	302-1016-003	24 months	15°C - 35°C (59°F to 95°F)	6 x 750mL bottles
Cleaning Solvent	300-1005-300	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 sensitive to cold temperatures and must be stored and used in ambient temperatures above 15ºC. The printed ink requires 2 to 3 minutes to cure before alcohol resistance is achieved.

Citronix – 2241 S. Watson Road, Suite 111 – Arlington – Texas – 76010 – United States of America
Tel: +1.817.633.3200 – Fax: +1.817.633.3207 – info@citronix.com – www.citronix.com

SDS

INK DATA SHEET
302-1017-004 Alcohol Resistant MEK Black Ink

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 – 2 seconds
Operating Temperature	15°C - 45°C (41°F to 113°F)
Operating Humidity	10% - 90% RH non-condensing
Filter Change	4000 hours 12 months

Umbilical Lengths

Umbilical Length	65 Micron Macro	65 Micron Normal	50 Micron	40 Micron
9ft Umbilical	●	●		
15ft Umbilical	●	●		
20ft Umbilical	●	●		

Citronix – 2241 S. Watson Road, Suite 111 – Arlington – Texas – 76010 – United States of America
Tel: +1.817.633.3200 – Fax: +1.817.633.3207 – info@citronix.com – www.citronix.com

SDS

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	Fail
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 (LDPE)	Pass	Fail	Fail
Polypropylene	Pass	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

Citronix – 2241 S. Watson Road, Suite 111 – Arlington – Texas – 76010 – United States of America
Tel: +1.817.633.3200 – Fax: +1.817.633.3207 – info@citronix.com – www.citronix.com