



## 1000 Line UHS Inks

# V516

### Description

V516 is retort-resistant Black MEK ink qualified for use in the Videojet 1000 Line UHS continuous inkjet (CIJ) printers. This ink has been specifically designed for code durability through tough high temperature steam retort and pasteurization processes used in cooking prepared food containers for shelf stability.

### Benefits

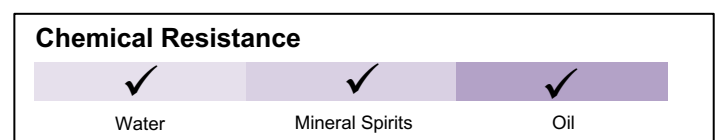
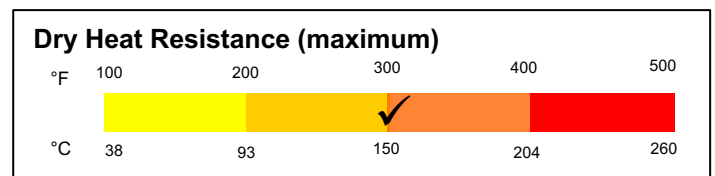
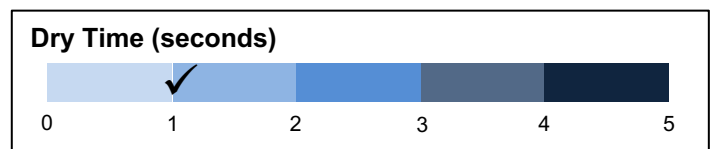
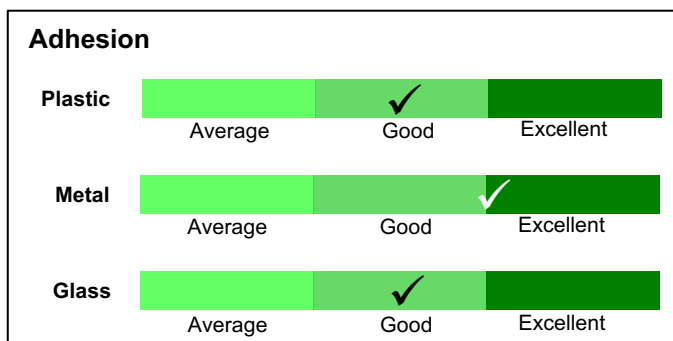
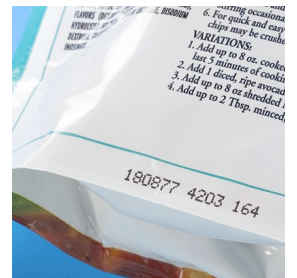
- High temperature steam retort resistance
- Pasteurization resistant
- Penetrates thin layer of oil
- Resistant to bases, Mil Spec Solvent C, mineral spirits, and oils
- Compliant with European Printing Ink Association (EuPIA) Exclusion List

### Applications

V516 is ideal for metal cans and plastic/foil pouches of food that require a retort process including vegetables, fruit, soup, sauces, baby food, meat/fish, and ready-to-eat meals. During the cooking process, containers can get stacked, causing codes to come in contact with other containers. During those situations, this ink is transfer-resistant.

This ink delivers excellent adhesion to a wide variety of other substrates including acrylonitrile butadiene styrene (ABS), polystyrene, polyvinylchloride (PVC), polycarbonate, polyester, steel, and nylon.

MEK-Free Low VOC (V930) and MEK-Free Drug Precursor Free (V940) alternative cleaners are available.



# V516

## 1000 Line UHS Inks

### Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V516	Ink	Black	MEK	750 ml (-D)	12 months*
V821	Make-up	Colorless to pale yellow	MEK	750 ml (-D), 5 L (-K)	24 months*
V901	Cleaner	Colorless to pale yellow	MEK	1 liter (-Q)	30 months*
V930	Cleaner	Colorless to pale yellow	Acetone/Ethanol	1 liter (-Q)	30 months*
V940	Cleaner	Colorless to pale yellow	Ethyl Acetate	1 liter (-Q)	30 months*

### Storage

\*Store between 2°C and 35°C.

### Printer Parameters

Qualified Models	Operating Temperature	Operating Humidity	Nozzle Compatibility
1620 UHS, 1650 UHS	5-45°C	10-90%	50µm

### Certifications and Approvals

**iQMark™:** V516 ink was responsibly designed and manufactured to maximize contrast, adhesion, and uptime while meeting safety, environmental, and regulatory requirements. Every batch is tested to ensure it meets strict quality control specifications.

**Heavy Metals:** V516 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.\*\*

**RoHS:** V516 ink meets the requirements of the RoHS 2 Directive 2011/65/EU and Directive (EU) 2015/863. For more information, refer to Knowledge Article 1159.\*\*

**REACH:** V516 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.\*\*

**Halogens:** V516 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.\*\*

**Food Packaging:** V516 ink may be used on the non-food contact side of food packaging. The packaging must provide a barrier between the ink and the food. When used in this manner, the inks are in compliance per 21 CFR 170.3(e)(1), Regulation (EC) No. 10/2011, and Regulation (EC) No. 2023/2006. For more information, refer to Knowledge Article 7921.\*\*

**Other:** V516 ink does not contain major allergens, animal based raw materials, nor organisms, genetically modified or not. For more information refer to Knowledge Articles 1148, 1190, and 1152.\*\*

\*\*Environmental, Health, Safety, and Regulatory information can change without notice, consult the current Safety Data Sheet (SDS) which is available on the Videojet website. Knowledge Articles are available by calling or emailing Videojet.

Order supplies [shop.videojet.com](http://shop.videojet.com)  
Call **800-843-3610**  
Email [info@videojet.com](mailto:info@videojet.com)  
Or visit [www.videojet.com](http://www.videojet.com)

Videojet Technologies Inc.  
1500 Mittel Blvd. Wood Dale IL 60191 / USA

©2019 Videojet Technologies Inc. - All rights reserved.  
Videojet Technologies Inc.'s policy is one of continued product improvement. We reserve the right to alter design and/or specifications without notice.

