



1000 Line Inks

V476

Description

V476 is a Thermochromic MPK/Ethanol Red ink qualified for use in the Videojet 1000 Line continuous inkjet (CIJ) printers. This ink is ideal for use in high-speed food canning applications where retort evidence is desired. It is specially designed to change color from **DARK RED** to **BRIGHT RED** when cooked with steam at high temperatures.

Benefits

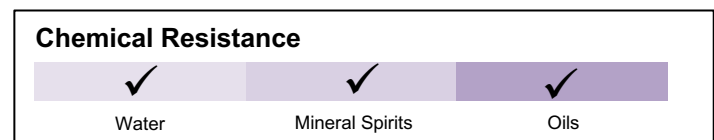
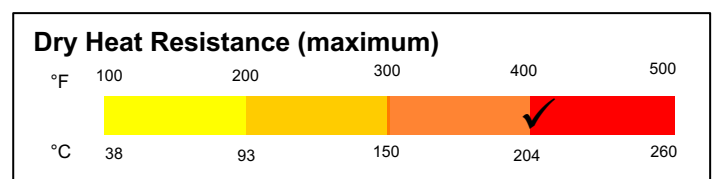
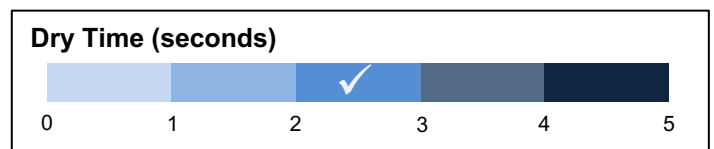
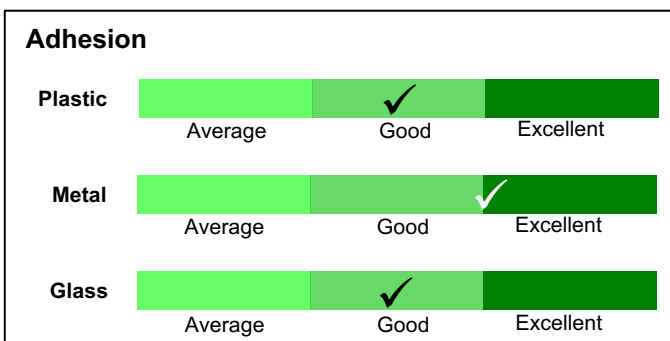
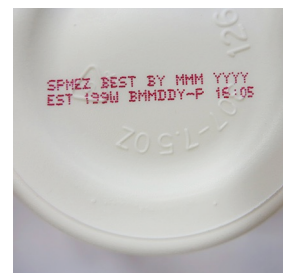
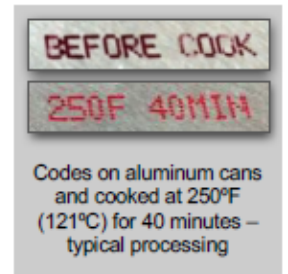
- iQMark™ no MEK ink offering:
 - No MEK, no acetone, no methanol
 - No European Printing Ink Association (EuPIA) Exclusion List materials
 - No CMR's (Carcinogens, Mutagens, Reproductive Toxins)
- Resistant to acids, bases, Mil Spec Solvent C, mineral spirits, and oils
- Changes color during steam exposure, indicating the container was processed
- Extreme heat resistance, survives > 60min at 400°C

Applications

V476 ink is ideal for retort or autoclave processes typically used to help preserve vegetables, beans, fruit, soup, sauces, baby food, meat/fish, ready-to-eat meals and pet food and may also be used in food or pharmaceutical applications where the customer would like to reduce certain solvent plant emissions (e.g. MEK).

This ink delivers excellent adhesion on acrylonitrile butadiene styrene (ABS), polystyrene, steel, and paper board.

Non-MEK Low VOC (V930) alternative cleaner is available.



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V476	Ink	Black	Pentanone/Ethanol	750 ml (-D), 5 L (-K)	12 months*
V711	Make-up	Colorless to pale yellow	Pentanone/Ethanol	750 ml (-D), 5 L (-K)	24 months*
V909	Cleaner	Colorless to pale yellow	Pentanone/Ethanol	1 liter (-Q)	30 months*
V930	Cleaner	Colorless to pale yellow	Acetone/Ethanol	1 liter (-Q)	30 months*

Storage

*Store between 2°C and 35°C.

Printer Parameters

Qualified Models	Operating Temperature	Operating Humidity	Nozzle Compatibility
12X0, 15X0, 16X0, 1610DH	5-45°C	10-90%	60µm, 70µm

Certifications and Approvals

iQMark™: V476 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: V476 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.**

RoHS: V476 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: V476 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.**

Halogens: V476 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.**

Food Packaging: V476 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: V476 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

Call **800-843-3610**

Email info@videojet.com

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