



1000 Line Inks

V474

Description

V474 is a Thermochromic MPK/Ethanol Black to Blue ink qualified for use in the Videojet 1000 Line of continuous inkjet (CIJ) printers. This ink is ideal for penetrating the toughest surface deposits that may occasionally be present on cans in processed food filling lines (e.g., soup). It then survives the rigors of continuous flow retort cooking processes, producing legible blue codes with high OCR read rates.

Benefits

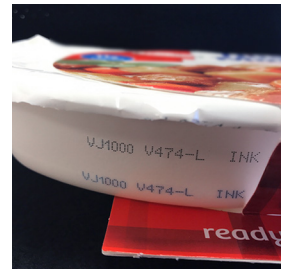
- Penetrates thin layer of waxy residue
- Excellent OCR vision system read rates even after retort
- Non-MEK, Non-Acetone formula
- Resistant to bases, gasoline, Mil Spec Solvent C, mineral spirits, and oils

Applications

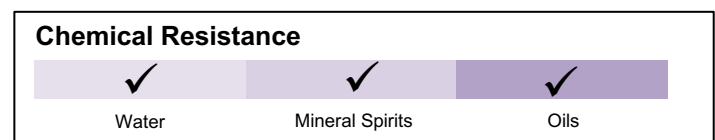
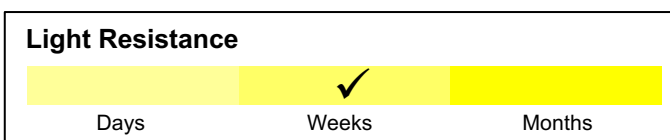
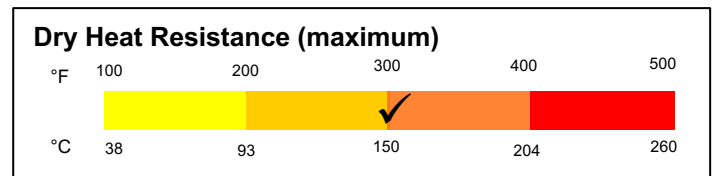
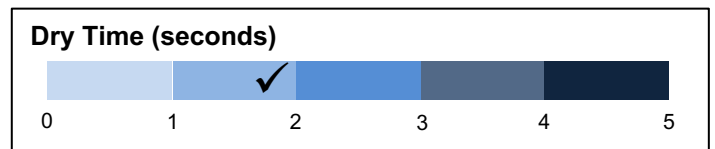
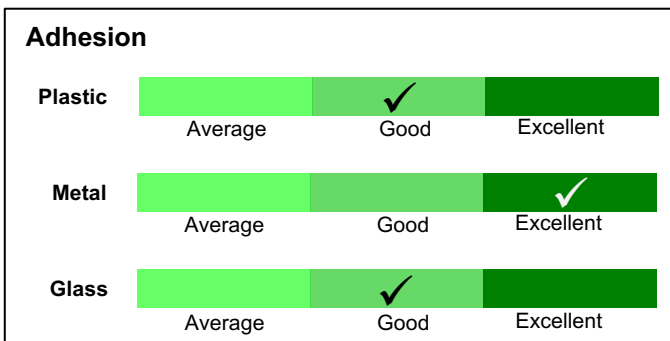
V474 ink is ideal for retort or autoclave processes typically used to help preserve vegetables, beans, fruit, soup, sauces, baby food, meat/fish, ready-to-eat meals and pet food and may also be used in food or pharmaceutical applications where the customer would like to reduce certain solvent plant emissions (e.g. MEK).

This ink delivers excellent adhesion on aluminum, polystyrene, steel, and paper board.

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



Retort Conditions:
121°C (250°F) for 60 mins.



V474

1000 Line Inks

Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V474	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™: V474 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: V474 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.**

RoHS: V474 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: V474 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.**

Halogens: V474 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.**

Food Packaging: V474 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: V474 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

Or visit 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.

