



1000 Line UHS Inks

V521

Description

V521 is a thermochromic MPK/Ethanol red ink qualified for use in the Videojet 1000 Line UHS 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

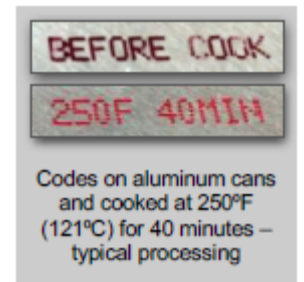
- Color change for retort evidence
- Non-MEK, non-Acetone, non-Methanol formula
- Resistant to acids, bases, Mil Spec Solvent C, mineral spirits, and oils

Applications

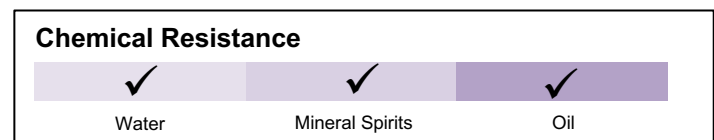
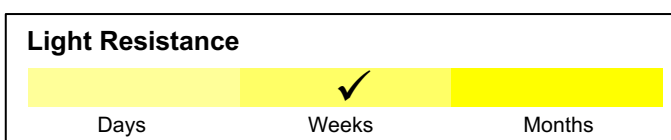
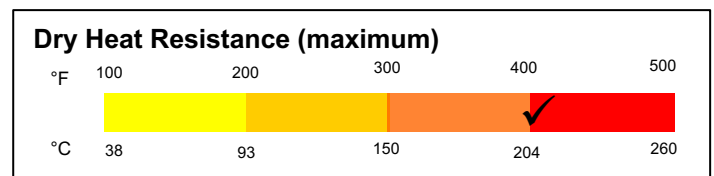
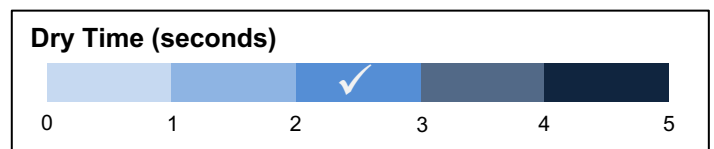
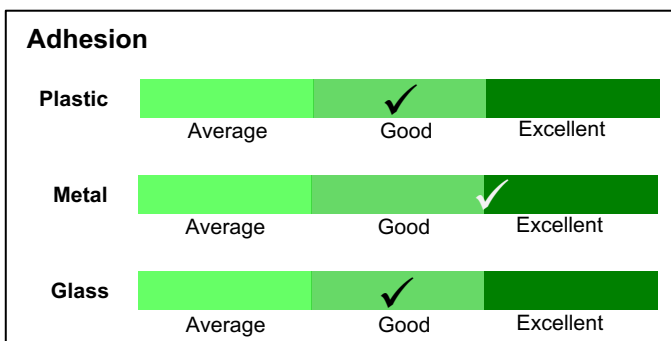
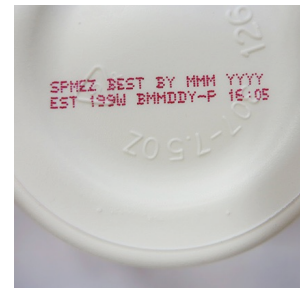
V521 ink is ideal for retort or autoclave processes typically used to help preserve vegetables, beans, fruit, soup, sauces, baby food, meat/fish, ready-to-eat meals and pet food and may also be used in food or pharmaceutical applications where the customer would like to reduce certain solvent plant emissions (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.



Codes on aluminum cans and cooked at 250°F (121°C) for 40 minutes – typical processing



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V521	Ink	Black	Pentanone/Ethanol	750 ml (-D), 5 L (-K)	12 months*
V825	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
1620 UHS, 1650 UHS	5-45°C	10-90%	50µm

Certifications and Approvals

iQMark™: V521 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: V521 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.**

RoHS: V521 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: V521 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.**

Halogens: V521 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.**

Food Packaging: V521 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: V521 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.

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