



1000 Line Inks

V435

Description

V435 is an electronics black MEK ink qualified for use in the Videojet 1000 Line of continuous inkjet (CIJ) printers. This high-performance ink has been specifically designed for coding and marking applications in the electronics market. It has good splash, soak, and rub solvent resistance when exposed to a variety of solvents including isopropyl alcohol and ethanol.

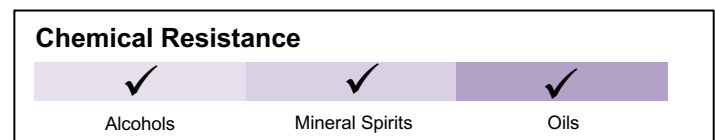
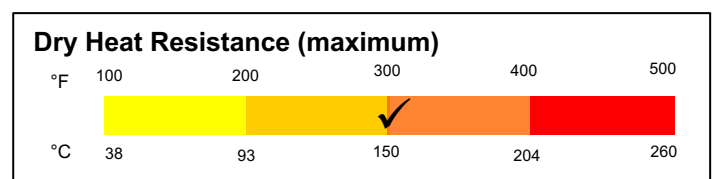
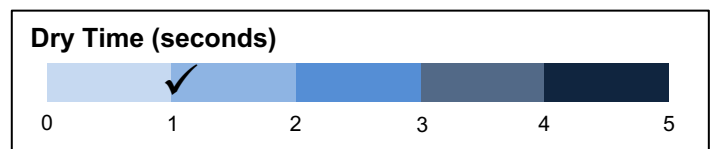
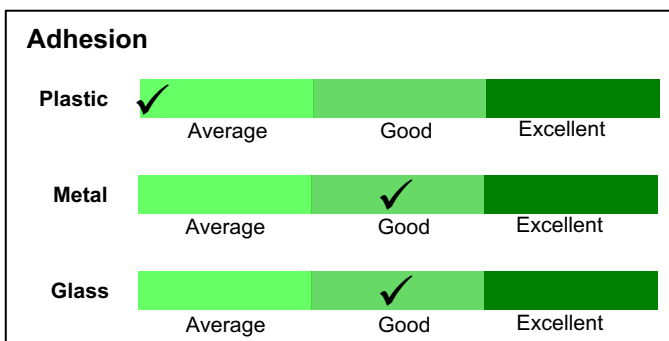
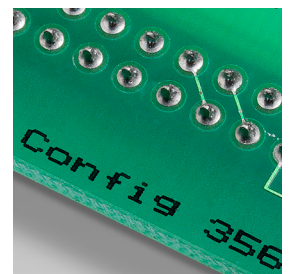
Benefits

- Excellent resistance to Isopropanol (IPA)
- Resistant to acids, bases, alcohols, Mil Spec Solvent C, gasoline, mineral spirits, and oils
- Compliant with European Printing Ink Association (EuPIA) Exclusion List

Applications

V435 is suitable for coding on electronics components commonly cleaned with ethanol or IPA after coding. Typical substrates include a variety of molded and extruded plastic, composite, and metal used in connectors, housings, and components.

Non-MEK low VOC (V930) and non-MEK no Drug Precursor (V940) alternative cleaners are available.



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V435	Ink	Black	MEK	750 ml (-D), 5 L (-K)	15 months*
V708	Make-up	Colorless to pale yellow	MEK	750 ml (-D), 5 L (-K)	24 months*
V902	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
12X0, 15X0, 16X0, 1610DH	5-45°C	10-90%	60µm, 70µm

Certifications and Approvals

iQMark™: V435 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: V435 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.**

RoHS: V435 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: V435 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.**

Food Packaging: V435 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: V435 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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