



1580/1860 Inks

V4235

Description

V4235 is electronics black MEK ink qualified for the Videojet 1580 and 1860 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 (IPA) and ethanol.

Benefits

- Excellent resistance to Isopropanol (IPA)
- Resistant to acids, bases, alcohols, Mil Spec Solvent C, gasoline, mineral spirits, and oils
- No European Printing Ink Association (EuPIA) Exclusion List materials
- No CMR's (Carcinogens, Mutagens, Reproductive Toxins)

Applications

This ink is used for coding and marking electronic components commonly cleaned with ethanol or IPA after coding. Typical substrates include a variety of molded and extruded plastics, composites, and metals used in connectors, housings, and components.

V4235 delivers good adhesion to aluminum, glass, and steel substrates.

No MEK/Low VOC (V930) and no Drug Precursor (V940) cleaners are available.



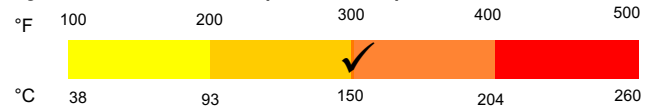
Adhesion



Dry Time (seconds)



Dry Heat Resistance (maximum)



Light Resistance



Chemical Resistance



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
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V4235	Ink	Black	MEK	750 ml (-D) 1000 ml (-L)	15 months*
V7208	Make-up	Colorless to pale yellow	MEK	750 ml (-D) 1000 ml (-L)	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*

Storage

*Store between 2°C and 35°C.

Printer Parameters

Qualified Models	Operating Temperature	Operating Humidity	Nozzle Compatibility
1580, 1860	5-45°C	10-90%	60µm, 70µm

Certifications and Approvals

iQMark™: V4235 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: V4235 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.**

RoHS/WEEE: V4235 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: V4235 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.**

Food Packaging: V4235 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: V4235 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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