



1580/1860 Inks

# V4216

## Description

V4216 is a general purpose, **green** MEK ink qualified for use in the Videojet 1580 and 1860 continuous inkjet (CIJ) printers. This ink has good contrast on light colored surfaces. It is ideal for use on a variety of substrates when an alternate color is desired. The printed code's appearance is influenced by the substrate color.

## Benefits

- Good contrast on light colored surfaces
- **Pastel green** on white substrates
- **Bright green** on yellow substrates
- Resistant to acids, bases, mineral spirits, and oils

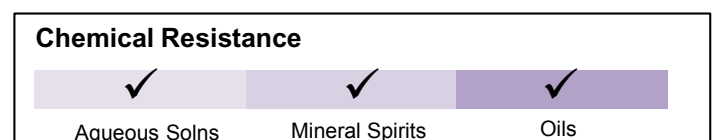
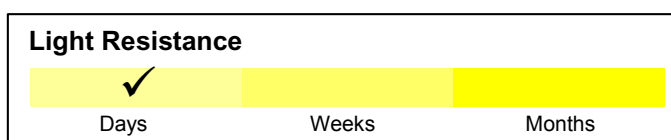
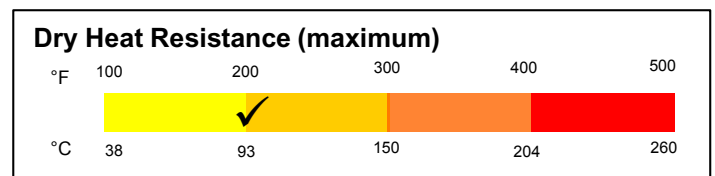
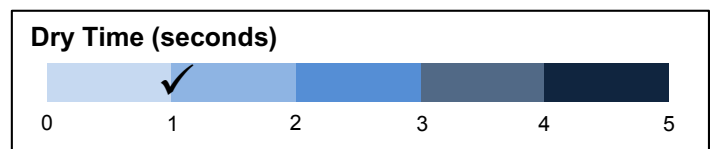
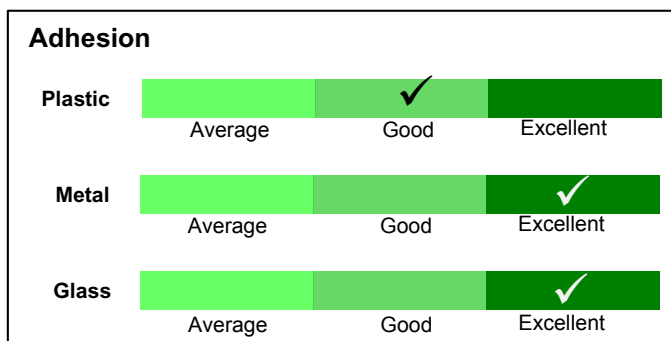
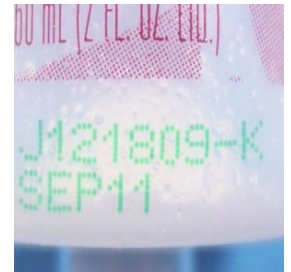
## Applications

V4216 ink is used for coding and marking using color as a visual management tool.

Varying the code color is useful in many applications, such as: to identify and segment date sensitive inventory, aid in stock rotation, aid in part assembly, identify different quality grades, differentiate tolerance levels, or identify different regulatory standards.

This ink delivers excellent adhesion to a wide variety of substrates, including: acrylonitrile butadiene styrene (ABS), aluminum, glass, polycarbonate, polyester, steel, and nylon.

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



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## Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V4216	Ink	Green	MEK	750 ml (-D), 1000 ml (-L)	12 months*
V7206	Make-up	Colorless to pale yellow	MEK	750 ml (-D), 1000 ml (-L)	24 months*
V901	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
1580, 1860	5 - 45°C	10 - 90%	60µm, 70µm

## Certifications and Approvals

**iQMark™:** V4216 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:** V4216 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.\*\*

**RoHS/WEEE:** V4216 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:** V4216 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.\*\*

**Halogens:** V4216 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.\*\*

**Food Packaging:** V4216 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:** V4216 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.

Call **+47 9041 8340**  
Email **post.no@videojet.com**  
Or visit **www.videojet.no**

Videojet Technologies Norway  
Klinestadmoen 4,  
3241 Sandefjord

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