



1580/1860 Inks

# V4214

## Description

V4214 is a general purpose, **red** MEK ink qualified for the Videojet 1580 and 1860 continuous inkjet (CIJ) printers. This ink has good contrast on light colored materials. It is ideal for use in high-speed applications for a wide variety of substrates when an alternate color is desired. The printed code's appearance is influenced by the substrate color.

## Benefits

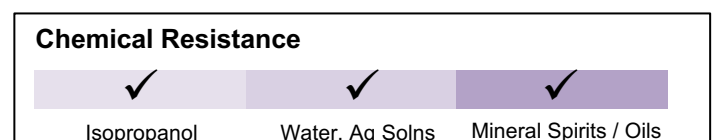
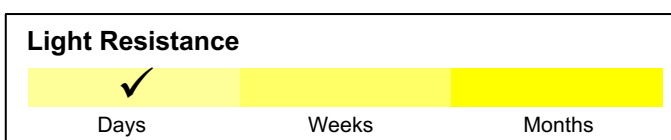
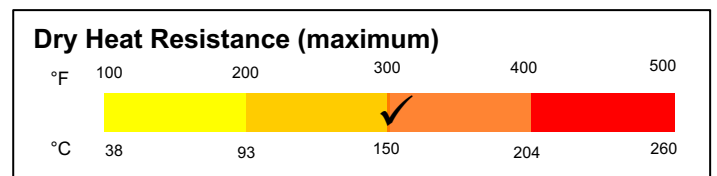
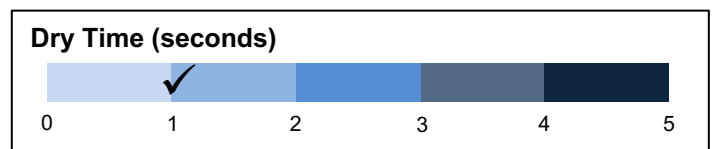
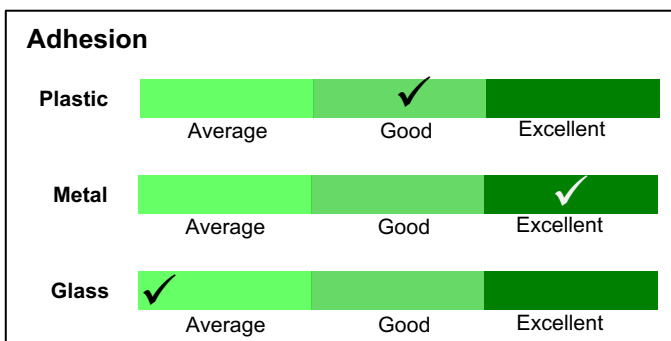
- Fast dry time, good contrast on light colored substrates
- **Bright red** color when printed on white
- **Dark red** when printed on metal
- Resistant to Isopropanol (IPA), antifreeze, transmission fluid, diesel fuel, acids, bases, soaps, gasoline, mineral spirits, and oils

## Applications

This ink is used for coding and marking automotive parts and personal care containers where solvent resistance is needed and / or applications that require a unique red color code. Varying the code color is useful to identify and segment date sensitive inventory, aid in stock rotation, differentiate quality grades, or identify different regulatory standards.

V4214 delivers excellent adhesion to a wide variety of substrates, including: acrylonitrile butadiene styrene (ABS), polystyrene, polyvinylchloride (PVC), polycarbonate, polyester, steel, and nylon.

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



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## Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V4214	Ink	Red	MEK	750 ml (-D), 1000 ml (-L)	24 months*
V7218	Make-up	Colorless to pale yellow	MEK	750 ml (-D), 1000 ml (-L)	24 months*
V905	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™:** V4214 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:** V4214 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.\*\*

**RoHS/WEEE:** V4214 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:** V4214 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.\*\*

**Halogens:** V4214 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.\*\*

**Food Packaging:** V4214 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:** V4214 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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Videojet Technologies Inc.  
1500 Mittel Blvd. Wood Dale IL 60191 / USA

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