



1580/1860 Inks

V4215

Description

V4215 is a general purpose, **violet** MEK ink qualified for use in the Videojet 1580 and 1860 continuous inkjet (CIJ) printers. This ink has good contrast on metal substrates which typically have irregularly 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

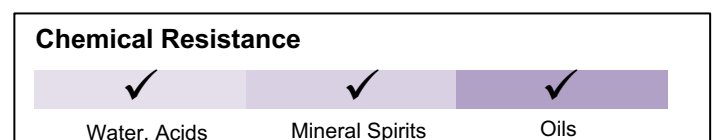
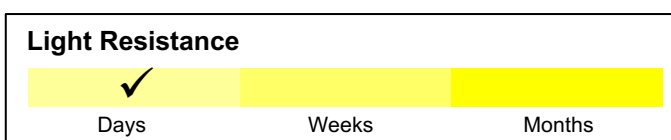
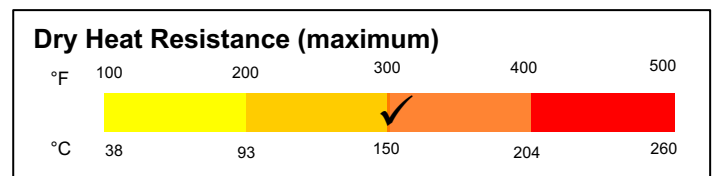
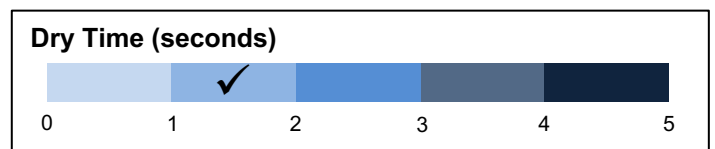
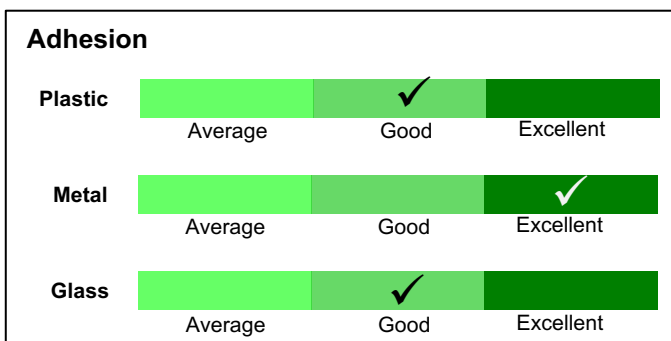
- Good contrast on irregularly colored surfaces
- **Bright violet** color when printed on light grey substrates
- **Dark violet** when printed on darker grey substrates
- Drop spreading achieves bolder print quality
- Penetrates a thin layer of oil
- Resistant to hydraulic fluid, diesel fuel, transmission fluid, acids, mineral spirits, and oils

Applications

This ink is ideal for coding and marking automotive and aerospace parts including metal castings, extruded sheet metal, formed metal, and metal assembly parts and applications that require a unique violet color code. Varying the code color is useful to identify and segment date sensitive inventory, aid in stock rotation, different quality grades, or different regulatory standards.

V4215 delivers excellent adhesion to a wide variety of substrates, including: aluminum, polystyrene, polycarbonate, polyester, and nylon.

A no MEK/low VOC (V930) cleaning solution is available.



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V4215	Ink	Violet	MEK	750 ml (-D), 1000 ml (-L)	18 months*
V7219	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*

Storage

*Store between 2°C and 35°C.

Printer Parameters

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

Special Operating Requirements **Air Drier Kit Mandatory at conditions > 30 °C OR > 60% RH

Certifications and Approvals

iQMark™: V4215 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: V4215 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.***

RoHS/WEEE: V4215 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: V4215 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.***

Halogens: V4215 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.***

Food Packaging: V4215 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: V4215 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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