



1580/1860 Inks

V4202

Description

V4202 is an extremely fast drying, **dark gray** MEK ink qualified for use in the Videojet 1580 and 1860 continuous inkjet (CIJ) printers. This ink is ideal for use in high-speed applications for a wide variety of substrates, particularly polyvinylchloride (PVC), even cold PVC, and other applications when less conspicuous, lower contrast codes are desired.

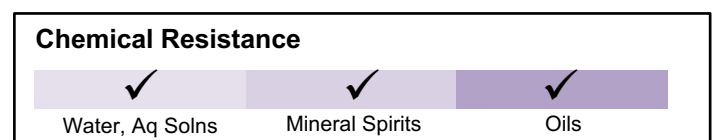
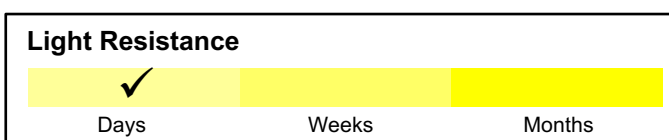
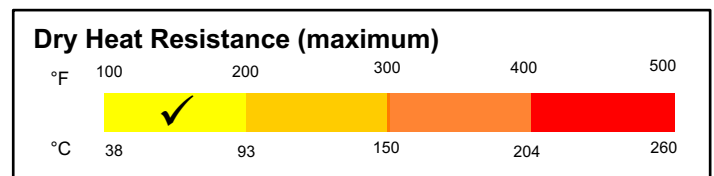
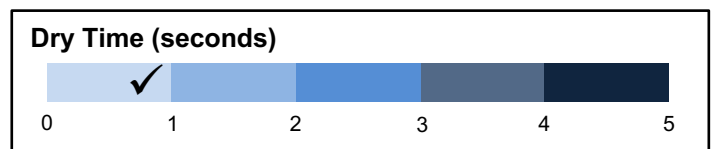
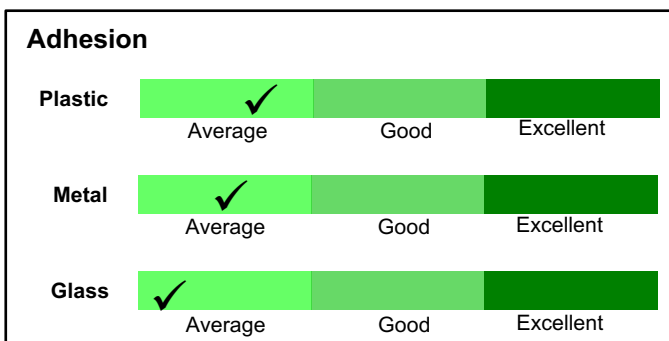
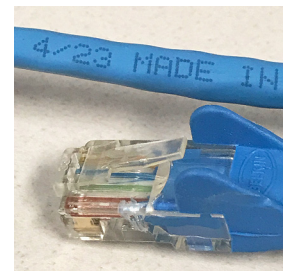
Benefits

- Extremely fast dry times, < 1 sec; faster than Videojet ink V4211, ~25%
- Good contrast on white substrates
- Smear and transfer resistant
- Excellent adhesion on cold PVC wire and cable
- Resistant to acids, bases, Mil Spec Solvent C, 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 onto cold PVC wire and cable, where the coded cable passes through a cable guide less than a second after printing, and winds up on a smaller spool afterwards. Sometimes large, long-length spools of un-coded, previously extruded cable are rewound onto smaller spools using an off-line rewind process. During this process, codes may be added to customize the finished product, such as: regional or customer-specific information (logos, company or brand identity), meter/foot marks, industry regulatory data, or quality standards (UL symbol). V4202 delivers excellent adhesion to acrylonitrile butadiene styrene (ABS) and polystyrene plastic substrates.

No MEK/Low VOC (V930) and no drug precursor (V940) alternative cleaners are available.



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V4202	Ink	Dark Gray	MEK	750 ml (-D), 1000 ml (-L)	18 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™: V4202 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: V4202 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.**

RoHS/WEEE: V4202 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: V4202 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.**

Halogens: V4202 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.**

Food Packaging: V4202 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: V4202 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.

Order supplies shop.videojet.com
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Email info@videojet.com
Or visit www.videojet.com

Videojet Technologies Inc.
1500 Mittel Blvd. Wood Dale IL 60191 / USA

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