



1580/1860 Inks

V4258

Description

V4258 is **Pink Fluorescent** general purpose MEK ink qualified for use in the 1580 and 1860 continuous inkjet (CIJ) printers. This ink is ideal for use in high-speed applications across a wide array of market applications. It is specially designed to be both visible for human readability and fluorescent for machine readability when activated by ultraviolet (UV) light.

Benefits

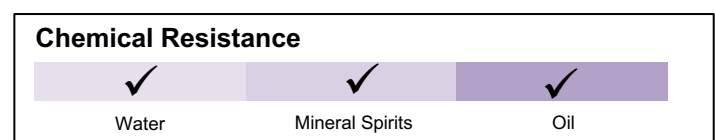
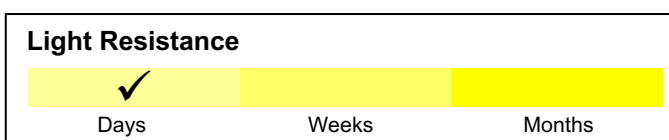
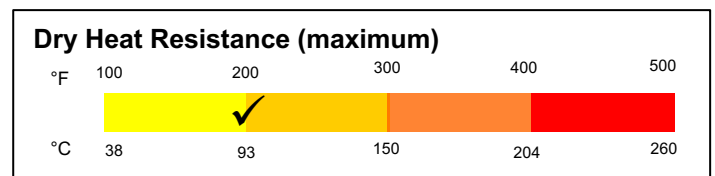
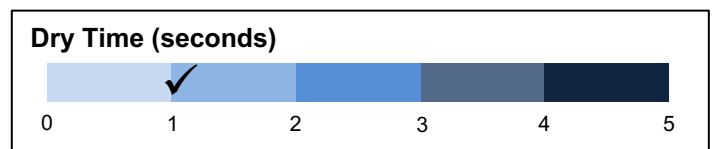
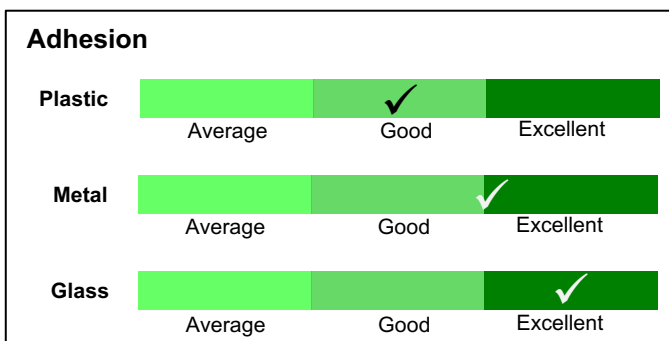
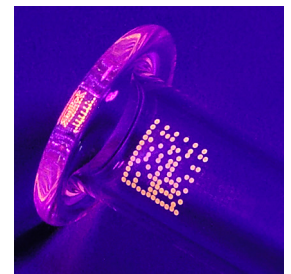
- Fluoresces @590nm red when excited by UV light @365nm
- Excellent fluorescent contrast even on dark substrates
- Resistant to acids, Mil Spec Solvent C, mineral spirits, and oils

Applications

Well-suited for paper, paperboard, plastic, and metal substrates for automotive part marking, postal bar coding, pharmaceutical serialization, and track and trace solutions. A typical reader system is comprised of a camera (e.g. Cognex), DVT intellect software, 25mm lens and 590nm band pass filter. Various methods of illumination (@365nm) may be used to “excite” the fluorescent dye and enable it to fluoresce. Fast illumination response time means codes can be read and captured on high-speed production lines.

V4258 delivers excellent adhesion on acrylonitrile butadiene styrene (ABS), glass, polystyrene, steel, nylon, and paper board.

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
V4258	Ink	Pink Fluorescent	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*
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™: V4258 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: V4258 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.**

RoHS/WEEE: V4258 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: V4258 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.**

Halogens: V4258 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.**

Food Packaging: V4258 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: V4258 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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