



Continuous Inkjet Inks

V464

Description

V464 is a black MPK/Ethanol solvent ink with lower make-up consumption than typical MEK-based inks such as Videojet V411. Similar to V411 and V463, V464 was designed for adhesion to flexible plastic film. This patent pending ink was specifically formulated to meet the strict Japan ISHL Class 2 Organic Solvent List. V464 is ideal for use in high-speed applications for a wide variety of substrates such as plastics, metals, and glass, and is qualified for use in Videojet continuous inkjet (CIJ) printers.

Benefits

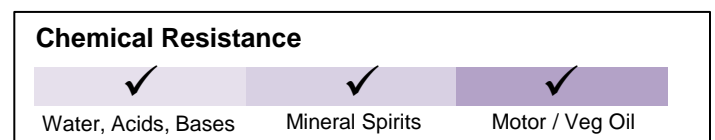
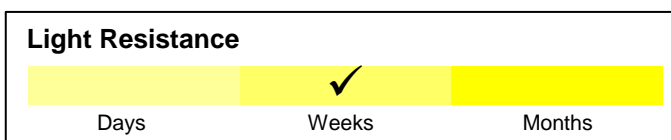
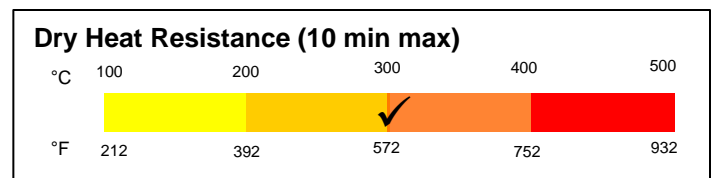
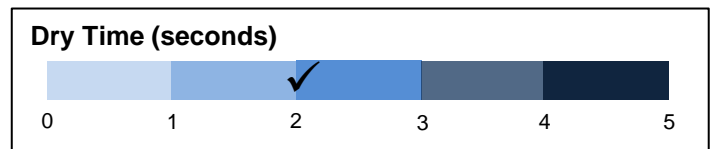
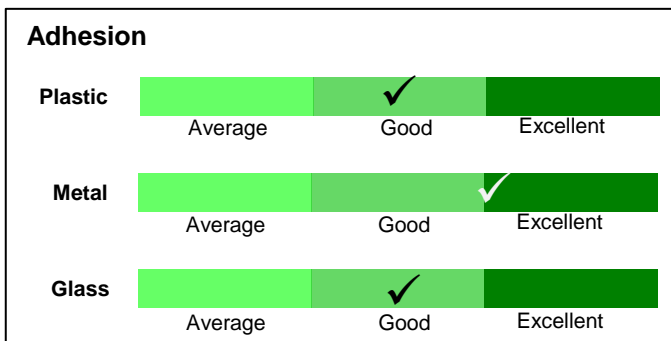
- iQMark™ Safer and more sustainable
 - No MEK, no acetone, no methanol
 - Not CMR (Carcinogen, Mutagen, Reproductive Toxin)
 - Japan ISHL compliant
 - Swiss Food Packaging Ordinance compliant
 - Up to 50% less make-up consumption than V411 ink
 - Less plastic and cardboard waste
 - Lower VOC emissions and fewer printer touches
- Excellent adhesion to flexible films, including BOPP, and rigid plastic packaging
- Resistant to acids, bases, mineral spirits, and oils
- Performance similar to Videojet V411 ink
- Chase conversion compatible with Videojet V463 ink, no flush required



Applications

V464 ink is ideal for printing on flexible plastic packaging where alternatives to MEK are preferred. It delivers excellent adhesion to a wide variety of substrates including acrylonitrile butadiene styrene (ABS), aluminum, biaxial oriented polypropylene (BOPP), polystyrene, polycarbonate, and steel.

No-MEK, Low VOC (V930) and drug precursor free (V940) alternative cleaners are available.



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V464	Ink	Black	MPK/Ethanol	750 ml (-D)	18 months*
V750	Make-up	Colorless to pale yellow	MPK/Ethanol	750 ml (-D)	24 months*
V916	Cleaner	Colorless to pale yellow	MIPK	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
1210, 1220, 1510, 1520, 1530, 1560, 1610, 1620, 1630, 1650, 1660	5 - 45°C	10 - 90%	60µm, 70µm

Certifications and Approvals

iQMark™: V464 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. V464 ink does not contain MEK, methanol, acetone, phthalates, polycyclic aromatic hydrocarbons, mineral oil, organotin compounds, halogenated hydrocarbons, photoinitiators, bisphenol A (BPA), major allergens, animal based raw materials, nor organisms, genetically modified or not. For information, refer to Knowledge Articles 15065, 14647, and 14634.**

Product Packaging: V464 ink, make-up, and cleaners are shipped in sustainably forested cardboard boxes. Ink and make-up cartridge components and cleaner bottles are recyclable. For information, refer to Knowledge Article 14286.**

Food Packaging: V464 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 ink is in compliance per 21 CFR 170.3(e)(1), Regulation (EC) No. 10/2011, and Regulation (EC) No. 2023/2006. All components in this ink are listed in Annex 10 of the Swiss Food Contact Materials Ordinance Regulation No. 817.023.21. For information, refer to Knowledge Articles 14389 and 17977.**

Heavy Metals: V464 ink meets the requirements of CONEG model legislation including 94/62/EC. For information, refer to Knowledge Article 14629.**

RoHS: V464 ink meets the requirements of the RoHS 2 Directive 2011/65/EU and Directive (EU) 2015/863. For information, refer to Knowledge Article 14656.**

REACH: V464 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For information, refer to Knowledge Article 14655.**

Halogens: V464 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For information, refer to Knowledge Article 14375.**

Japan: V464 ink meets both the Japan Printing Ink Manufacturing Association guidelines and Japan ISHL Class 2 Organic Solvent List. For information, refer to Knowledge Article 17886.**

**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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