



1000 Line Inks

V463

Description

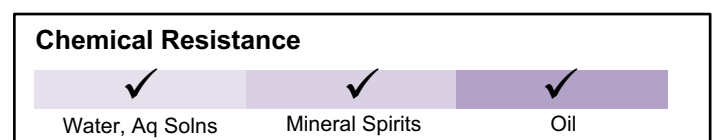
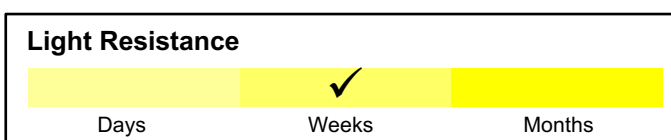
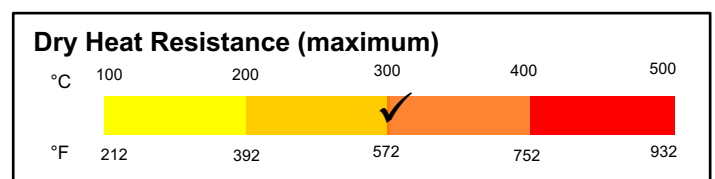
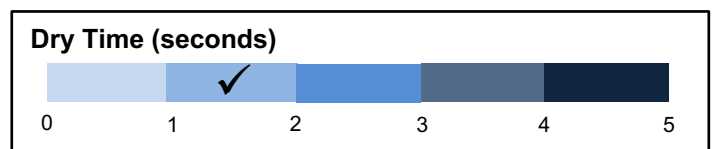
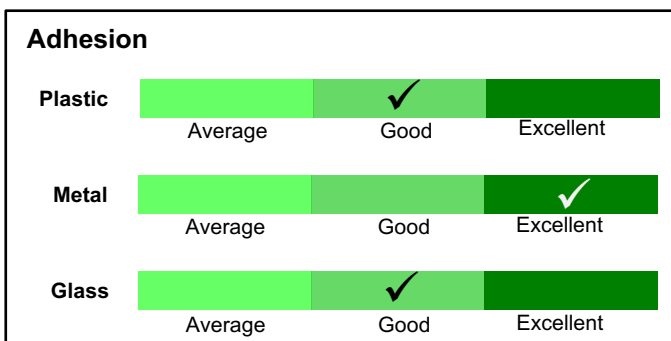
V463 is a general purpose black, non-MEK ink based on MIPK (methyl isopropyl ketone). It is qualified for use in the 1000 Line of continuous inkjet (CIJ) printers. This ink is ideal for use in high-speed applications for a wide variety of substrates, such as plastics, metals, and glass, including the difficult plastic substrates of biaxially oriented polypropylene (BOPP), as well as high and low density polyethylene (HDPE and LDPE) found in flexible food packaging. This ink, make-up, and cleaning solution are specifically formulated to meet the strict Japan ISHL Class 2 Organic Solvent list.

Benefits

- Non-MEK, non-Acetone, non-Methanol formulation
- Comparable adhesion and dry time to MEK inks
- Lower make-up consumption (40%) than MEK products
- Resistant to acids, bases, mineral spirits, and oils
- Retort-resistant, slight gasoline resistance
- Compliant with Japan ISHL Class 2 Organic Solvent List
- Compliant with European Printing Ink Association (EuPIA) Exclusion List

Applications

Excellent adhesion to a wide variety of substrates including: acrylonitrile butadiene styrene (ABS), aluminum, polystyrene, polyvinylchloride (PVC), polyester, steel, and nylon. This ink is a compatible non-MEK alternative to V401, V410, and V411. Non-MEK, Low VOC (V930) and non-MEK/non-Acetone Drug Precursor Free (V940) alternative cleaners are available.



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V463	Ink	Black	MIPK	750 ml (-D)	12 months*
V725	Make-up	Colorless to pale yellow	MIPK	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
12X0, 15X0, 16X0	5-45°C	10-90%	60µm, 70µm

Certifications and Approvals –

Heavy Metals: V463 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.*

RoHS/WEEE: V463 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: V463 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.*

Halogens: V463 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.*

Food Packaging: V463 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: V463 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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