



1000 Line Inks

V411

Description

V411 is a black MEK ink suited for printing on plastic flexible film and qualified for use in the 1000 Line continuous inkjet printers. This ink is ideal for use in high-speed applications for a wide variety of substrates, such as biaxially oriented polypropylene (BOPP), polyethylene (PE), as well as high and low density polyethylene (HDPE and LDPE) found in flexible food packaging. Patented formula!

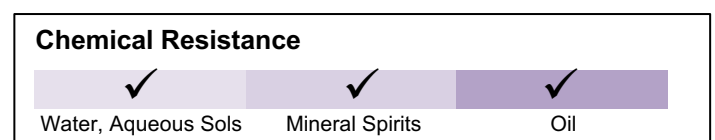
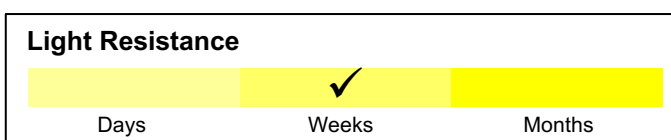
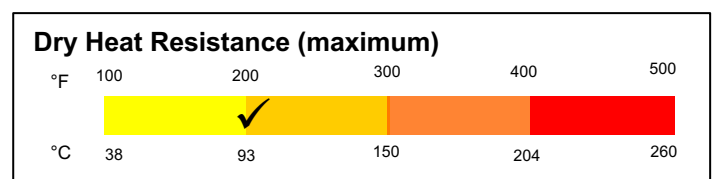
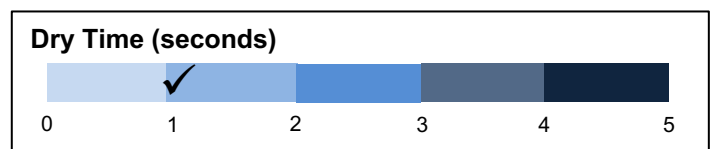
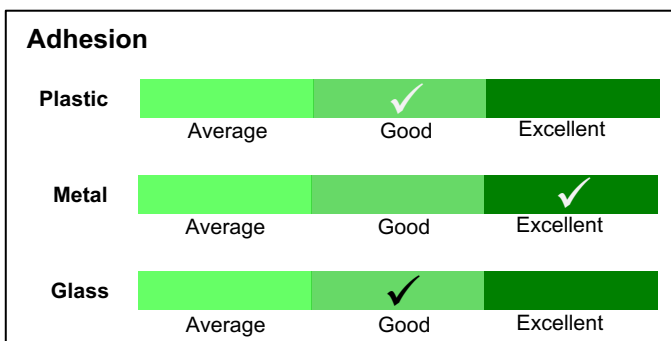
Benefits

- Scratch and rub resistance on LDPE flexible packaging
- Resistant to acids, bases, mineral spirits, and oils
- Slight gasoline resistance
- Penetrates thin layer of oil coating on plastic and metal

Applications

Plastic substrates used for flexible food packages, such as BOPP, LDPE containers, and clear, heat shrinkable overwraps. These materials have high aesthetic appeal and are displacing many clay-coated, paper, glass, and metal containers as the preferred method of food and tobacco packaging. This ink provides excellent adhesion to a variety of substrates including: acrylonitrile butadiene styrene (ABS), aluminum, low density polyethylene (LDPE), polystyrene, polyvinylchloride (PVC), polycarbonate, polyester, steel, and nylon.

MEK-Free Low VOC (V930) and MEK-Free Drug Precursor Free (V940) alternative cleaners are available.



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V411	Ink	Black	MEK	750 ml (-D), 5 L (-K)	12 months*
V706	Make-up	Colorless to pale yellow	MEK	750 ml (-D), 5 L (-K)	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
12X0, 15X0, 16X0, 1610DH	5-45°C	10-90%	60µm, 70µm

Certifications and Approvals

Heavy Metals: V411 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.**

RoHS/WEEE: V411 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: V411 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.**

Food Packaging: V411 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: V411 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 website. Knowledge Articles are available by calling or emailing Videojet.

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