



1710 Inks

# V486

## Description

V486 is a high-contrast, white pigmented ink based on MIPK (methyl isopropyl ketone). It is qualified for use in the Videojet 1710 continuous inkjet (CIJ) printer. This ink is ideal for use in high-speed applications for a wide variety of substrates, especially dark plastics used in automotive, electronics, building materials, wire and cable.

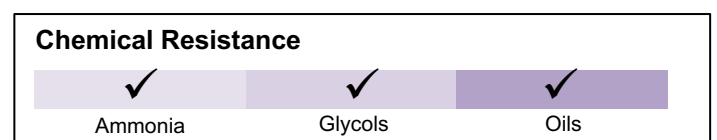
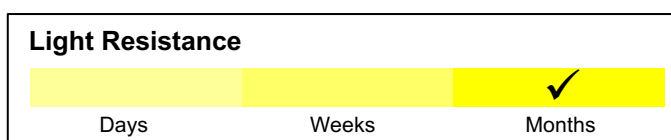
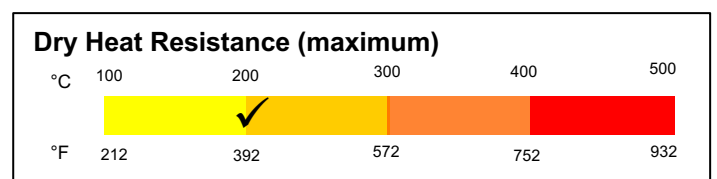
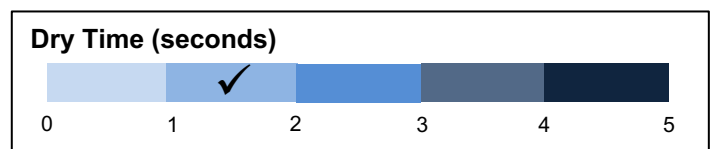
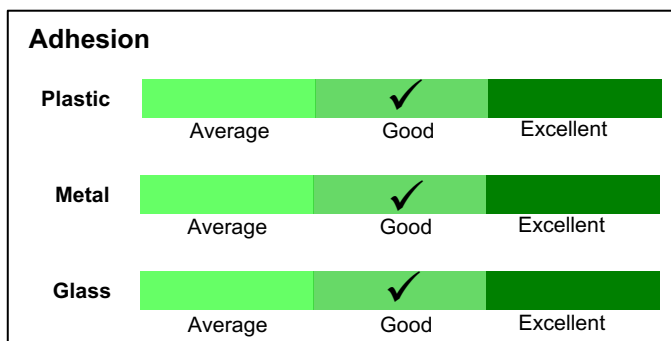
## Benefits

- No European Printing Ink Association (EuPIA) Exclusion List materials
- No acetone, no methanol, low MEK formulation
- No CMR's (Carcinogens, Mutagens, Reproductive Toxins)
- Fast dry time - comparable to MEK inks
- Lower make-up consumption (40%) than MEK inks
- Resistant to bases, glycols, oils, antifreeze, diesel fuel, transmission fluid, and hydraulic fluid
- Compatible with Videojet V490 ink with matching adhesion and contrast

## Applications

V486 delivers excellent adhesion to a wide variety of substrates including: acrylonitrile butadiene styrene (ABS), polyvinylchloride (PVC), polycarbonate, and polyester. This ink was specifically formulated as a compatible alternative to V490 for polyvinylchloride (PVC), polyethylene (PE), crosslinked polyethylene (XLPE) wire and cable, ethylene vinyl acetate (EVA) foam materials, and high molecular weight polyethylene (HMWPE) automotive parts and building materials.

The iQMark™ low VOC (V930) alternative cleaner is available.



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## Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V486	Ink	White	MIPK/MEK	600 ml (-C)	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*

## Storage

\*Store between 2°C and 35°C.

## Printer Parameters

Qualified Models	Operating Temperature	Operating Humidity	Nozzle Compatibility
1710	5-45°C	10-90%	60µm, 70µm

## Certifications and Approvals –

**iQMark™:** V486 ink was responsibly designed and manufactured to maximize contrast, adhesion, and uptime while meeting safety, environmental, and regulatory requirements. Every batch is tested to help ensure it meets strict quality control specifications.

**Heavy Metals:** V486 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.\*\*

**RoHS/WEEE:** V486 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:** V486 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.\*\*

**Food Packaging:** V486 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:** V486 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 in multiple languages and country formats on the Videojet website. Knowledge Articles are available by calling or emailing Videojet.

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