



1710 Inks

V490

Description

V490 is a high contrast, white pigmented ink based on MEK (methyl ethyl 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.

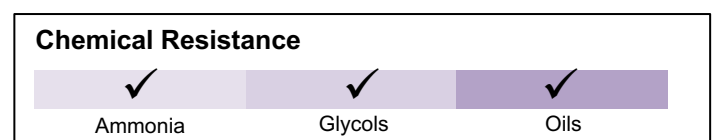
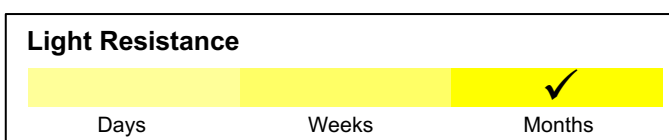
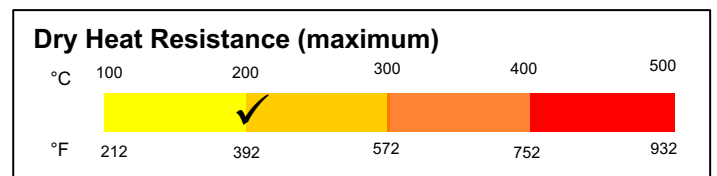
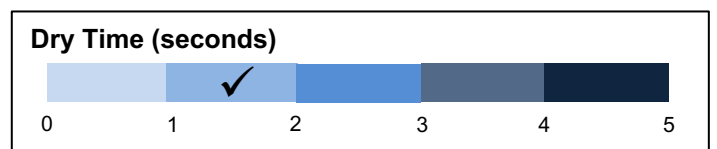
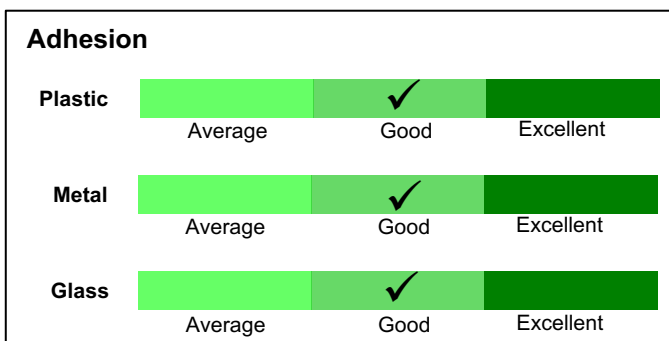
Benefits

- Fast dry time
- No CMR's (Carcinogens, Mutagens, Reproductive Toxins)
- Compliant with European Printing Ink Association (EuPIA) Exclusion List
- Resistant to bases, glycols, oils, antifreeze, diesel fuel, transmission fluid, and hydraulic fluid
- Compatible with V486 (MIPK-based) with matching adhesion and contrast

Applications

V490 ink delivers excellent adhesion to a wide variety of substrates including acrylonitrile butadiene styrene (ABS), polyvinylchloride (PVC), polycarbonate, and polyester. This ink was specifically formulated 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. Wire and cable can be inkjet coded immediately after high temperature extrusion (typically 200°C / 400°F) to achieve the best adhesion and transfer resistance.

Non-MEK low VOC (V930) and non-MEK/Non-Acetone (V916 / V940) alternative cleaners are available.



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V490	Ink	White	MEK	600 ml (-C)	12 months*
V720	Make-up	Colorless to pale yellow	MEK	750 ml (-D)	24 months*
V902	Cleaner	Colorless to pale yellow	MEK	1 liter (-Q)	30 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™: V490 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: V490 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.**

RoHS: V490 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: V490 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.**

Food Packaging: V490 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: V490 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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