



1710 Inks

# V485

## Description

V485 is a high contrast, white pigmented ink based on MEK (methyl ethyl ketone). It is qualified for use in the Videojet 1710 continuous inkjet printer. This ink is ideal for use in part marking applications on a wide variety of dark substrates. It is specifically designed to withstand overcoat varnishes and oil used in the aerospace industry. The overcoat varnishes provide permanent code protection.

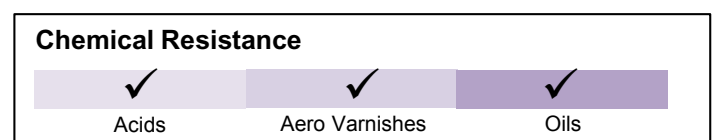
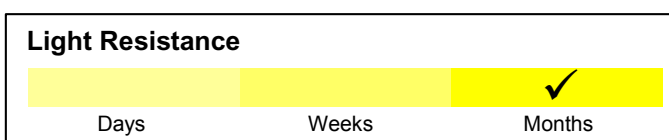
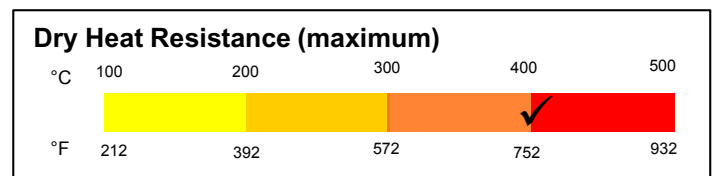
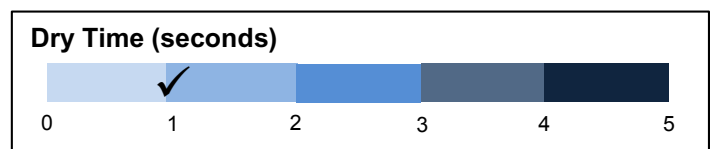
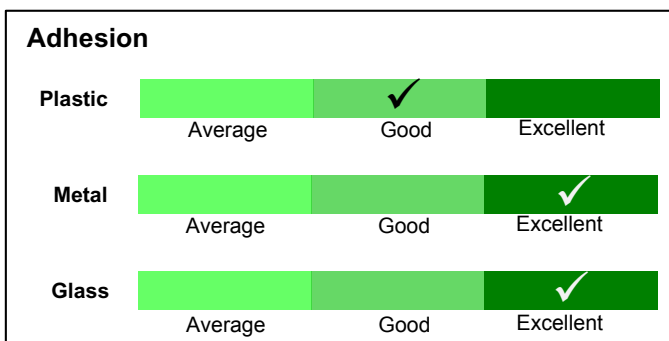
## Benefits

- Fast dry time
- Heat resistant
- Caustic washable
- Succeeds 16-2520, 16-2100, and 201-CJ04-081 legacy inks
- Succeeds 16-8560 and 16-2960 legacy inks for general purpose applications
- Boeing BAC5307 part marking specification approved. Listed on revision Y.
- Resistant to acids, gasoline, Mil Spec Solvent C, mineral spirits, motor oil, toluene, vegetable oil and aerospace overcoat varnishes.

## Applications

V485 ink delivers excellent adhesion to a wide variety of substrates including acrylonitrile butadiene styrene (ABS), aluminum, glass, polyester, steel, and nylon.

This ink was specifically formulated for aerospace part marking applications to meet Boeing BAC5307 without an overcoat varnish. The ink is resistant to several aerospace overcoat varnishes. Overcoat varnishes provide permanent code protection.



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## Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V485	Ink	White	MEK	600 ml (-C)	12 months*
V755	Make-up	Colorless to pale yellow	MEK	750 ml (-D)	24 months*
V905	Cleaner	Colorless to pale yellow	MEK	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

## Compliance

**iQMark™:** V485 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. No Methanol, no CMR formulation.\*\*

**Heavy Metals:** V485 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.\*\*

**RoHS:** V485 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:** V485 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.\*\*

**Food Packaging:** V485 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:** V485 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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