



## Continuous Inkjet Ink

# V4289

### Description

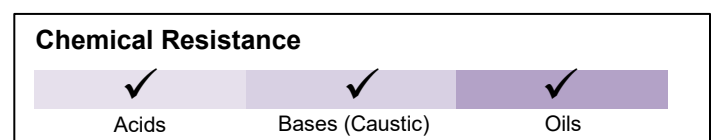
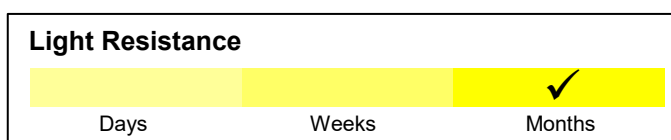
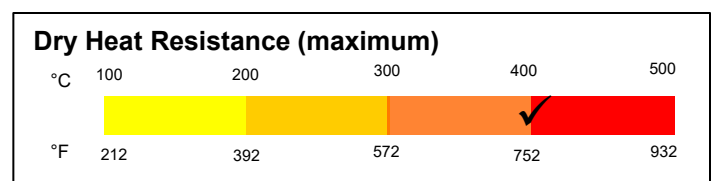
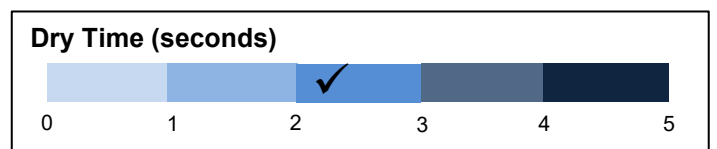
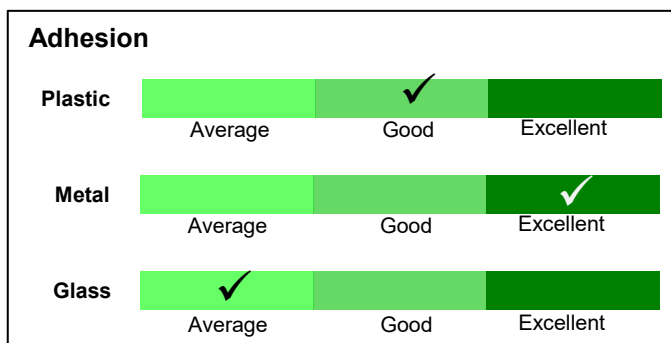
V4289 is a soft-pigmented black MEK (methyl ethyl ketone) based ink. It has excellent adhesion, transfer resistance, migration resistance, and fade resistance on rigid plastic, wire and cable, and metal substrates. This ink is ideal for coding and marking applications where black dye-based inks typically transfer, migrate, or fade. It is specifically formulated without carbon black for excellent uptime in hot and humid environments and is qualified for use in Videojet continuous inkjet (CIJ) printers. V4289 features a patented ink formula.

### Benefits

- Fast dry time
- Transfer, migration, and fade resistant on wire and cable. Adhesion is dramatically improved when printing on warm to hot jackets over cold to room temperature jackets.
- Excellent heat resistance on metal substrates for retort applications
- Resistant to acetic acid, ammonia, Mil Spec C, mineral spirits, motor oil, propylene glycol, and vegetable oil. Some resistance to ethanol, gasoline, and isopropanol
- Succeeds V489, 16-8920, 16-8930, and 16-8990 CIJ inks

### Applications

V4289 ink delivers excellent adhesion to a wide variety of substrates including acrylonitrile butadiene styrene (ABS), aluminum, polystyrene, polyvinylchloride (PVC), polycarbonate, steel, and nylon. Its excellent adhesion and transfer resistance makes this ink ideal for lightly colored or white wire and cable. V4289's retort and heat resistance makes this ink ideal for metal canning and automotive part marking applications. Its excellent light fastness makes this ink ideal for outdoor building materials.



# V4289

## Continuous Inkjet Ink

### Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V4289	Ink	Black	MEK	700 ml (-E)	15 months*
V7208	Make-up	Colorless to pale yellow	MEK	750 ml (-D)	24 months*
V902	Cleaner	Colorless to pale yellow	MEK	1 liter (-Q)	30 months*

**Storage:** \*Store between 2°C and 35°C. Shake ink cartridges for two (2) minutes before installing into the printer.

### Printer Parameters

Qualified Models	Operating Temperature	Operating Humidity	Nozzle Compatibility
1580 C	5-45°C	10-90%	60µm, 70µm

### Compliance

**iQMark™:** V4289 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. V4289 ink does not contain methanol, acetone, phthalates, polycyclic aromatic hydrocarbons, mineral oil, organotin compounds, halogenated hydrocarbons, photoinitiators, bisphenol A (BPA), major allergens, animal based raw materials, nor organisms, genetically modified or not. For information, refer to Knowledge Articles 15065, 14647, and 14634.\*\*

**Product Packaging:** V4289 ink, make-up, and cleaners are shipped in sustainably forested cardboard boxes. Ink and make-up cartridge components and cleaner bottles are recyclable. For information, refer to Knowledge Article 14286.\*\*

**Heavy Metals:** V4289 ink meets the requirements of CONEG model legislation including 94/62/EC. For information, refer to Knowledge Article 14629.\*\*

**Food Packaging:** V4289 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 information, refer to Knowledge Articles 14389 and 17977.\*\*

**RoHS:** V4289 ink meets the requirements of the RoHS 2 Directive 2011/65/EU and Directive (EU) 2015/863. For information, refer to Knowledge Article 14656.\*\*

**REACH:** V4289 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For information, refer to Knowledge Article 14655.\*\*

\*\*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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