

Dorner Associates Inc.

Industrial Inkjet Printing Specialists

309 E Rand Road #315 - Arlington Heights IL 60004 - USA - +1 847-635-0562 - BillDorner@dornerassociates.com

Field Communication – May 2009

85FT Black Ink Data Sheet

InkJet, Inc. is pleased to announce the release of 85FT ink, a Ketone based, general purpose black ink with good opacity. This ink is specifically designed for coding on returnable bottles during the cold fill process. 85FT is able to penetrate a thin layer of condensation that occurs when the bottle is filled with beverages at temperatures of +36°F or +2°C. It is also designed to be washable with caustic wash during the cleaning process for returnable bottles. This ink can also be used on different types of plastic with excellent adhesion, and will dry to the touch 2-3 seconds after printing. 85FT was developed to run in Videojet® printers using Videojet® 16-8540/16-8550 ink and requires flushing when converting from this ink.

Ink specifications

Ink number 85FT
Make-up 545-Q
Ink type: Ketone

Printer Compatibility

85FT has been developed to operate in all Videojet® Excel printers except UHS & Hi Res.

Changeover Procedure

85FT is not a direct replacement for Videojet® 16-8540/8550 ink and will require flushing when converting from this ink. The printer should be flushed with the cleaning solution or make-up fluid of the previous ink, followed by 545 make-up fluid prior to installing 85FT. A filter change is also recommended. Proper ink stream calibration should be performed after ink installation. (A complete flushing i.e., flushing the printer with IJI 960S ultra flush and filter changes are recommended when a conversion is performed from an incompatible ink).

Benefits

- 85FT will dry to the touch in 2-3 seconds after printing. It will require one hour of cure time for the print to resist the ice immersion soak test for up to 24 hours, depending on the substrate used. This ink passed the ice immersion test when printed on certain types of beer bottles.
- Better adhesion to WET glass than IJI's 19 ink.
- Superior adhesion to cold-filled (+36°F or +2°C) glass bottles with a very thin layer of condensation.

Shelf-life & Ink Storage

85FT ink has a shelf life of 6 months from date of manufacture when stored at a temperature range of +35°F to +95°F (+2°C to +35°C). Prolonged exposures to temperatures outside these limits will shorten the ink shelf life. If there is a possibility that the ink has been frozen during shipping, bring to room temperature (+70°F to +75°F or 21°C to +24°C) and shake well before using.

Applications

85FT has excellent adhesion to glass, plastics, most metals and coated paper. This ink was developed for printing on returnable bottles during the Cold Fill process.

.....
William J. Dorner, Managing Director

Telephone Local International access code +1-847-635-0562 - BillDorner@dornerassociates.com

309 E Rand Road # 315 - Arlington Heights, Illinois 60004 USA

Page 1 of 2

85FT Black Ink Data Sheet

InkJet Ink # Stocking Status

**85FT- Q (9)
X010443**

**85FT- Q MP
X200443**

**85FT- Q SK
X300443**

**85FT- Q VP
X310443**

**85FT- Q 4P
X190443**