

Technical Data Sheet

Dokumental® FC 83xx Flipchart Marker Inks

Flipchart Inks with Extended Cap-Off Time

General Information

The inks of Dokumental® FC 83xx have all the properties a good flipchart-marker ink needs. They have intense colours and they do not strike through to the next sheet of paper. The cap-off time is over four weeks in suitable components (ISO 554 23/50 conditions).

Suitable Surfaces

For normal papers and special flip-chart papers.

Applicable Standards & Regulations

Unless expressly agreed, no warranty is given that all standards & regulations relevant to the Customer's intended use have been and will be complied with. To the extent that compliance with certain standards & regulations is warranted, this warranty shall only apply at the time the underlying contract is entered into. There is no guarantee that the products will continue to comply with the standards & regulations in the event of future changes. Dokumental also assumes no obligation to inform the Customer of any changes to such standards & regulations that may be relevant to the Customer.

Physical Data

Type	Colour	Viscosity at 20°C mPa s ± 0.5	Surface tension mN/m ± 2.0	pH-Value ± 1.0	Density at 20°C g/cm³ ± 0.01
Dokumental® FC 8300	blue	2.1	37.5	7.5	1.04
Dokumental® FC 8310	black	2.2	37.5	7.5	1.05
Dokumental® FC 8311	black	3.0	39.5	7.5	1.05
Dokumental® FC 8320	red	2.4	37.5	8.5	1.06
Dokumental® FC 8330	green	2.3	37.5	7.5	1.05
Dokumental® FC 8350	brown	2.3	37.5	7.5	1.05
Dokumental® FC 8360	yellow	2.0	37.5	7.9	1.04
Dokumental® FC 8361	orange	2.3	37.5	7.5	1.05
Dokumental® FC 8370	magenta	2.0	38.0	7.5	1.04

Technical advice:

Suitable Components

Nibs: polyester, acrylic, sintered polyethylene

The use of polyamide (Nylon) nibs is not recommendable due to possible colour changes

Reservoirs: polyester (the compatibility with acetate reservoirs must be tested in advance)

Barrels, Caps, Plugs: polypropylene, butadien-styrene, polyethylene

It is mandatory to approve the compatibility of the ink and the components as well as the performance of the writing system in advance. Cap and plug must close tightly.

Before use of our product the filling station has to be maintained and cleaned carefully. The inks are sensitive to any kind of contamination (e.g. chemical or microbial contaminations). Cross-contamination of the inks may lead to a colour mismatch or will even lead to a defective marker or shorter shelf life.

The inks contain biocides to prevent microbial growth, but for best protection we additionally recommend to ensure best hy-

gienic conditions in production areas as well as cleanliness of all marker components.

Storage, Handling & Transportation

Store our product frost protected and avoid direct sunlight. Recommended storage temperature for the product is between 10°C and 30°C. Storage temperatures above 30°C for several days bear the risk of a reduced shelf life of the ink.

The shelf life of the inks in original sealed containers is two years. Make sure that the drums are closed tightly after they were opened.

Packaging

20 kg plastic drum
200 kg plastic drum
1,000 kg IBC

Produced by

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