

Technical Data Sheet

Dokumental® ER 35xx Erasable Inks

Erasable Fibre Pen Inks

General Information

Our ER 35xx inks can be erased with erasing liquid LF 4220. The inks and the erasing liquid are formulated to be in accordance with the EU Toy Safety Directive 2009/48/EC. Inks and eraser are suitable for standard fibre pens (reservoir-system).

Suitable Surfaces

All kinds of porous paper

Physical Data

Type	Colour	Viscosity at 20°C mPa s ± 1.0	Surface tension mN/m ± 2.0	pH-Value ± 0.5	Density at 20°C g/cm ³ ± 0.02
Dokumental® ER 3500	Blue	4.0	37.0	3.0	1.03
Dokumental® ER 3501	Skyblue	4.0	37.0	3.0	1.03
Dokumental® ER 3510	Black	4.0	37.0	3.0	1.03
Dokumental® ER 3520	Red	4.0	37.0	3.0	1.03
Dokumental® ER 3521	Carmine Red	4.0	37.0	3.0	1.03
Dokumental® ER 3530	Green	4.0	37.0	3.0	1.03
Dokumental® ER 3531	Dark Green	4.0	37.0	3.0	1.03
Dokumental® ER 3540	Violet	4.0	37.0	3.0	1.03
Dokumental® ER 3550	Brown	4.0	37.0	3.0	1.03
Dokumental® ER 3560	Yellow	4.0	37.0	3.0	1.03
Dokumental® ER 3561	Orange	4.0	37.0	3.0	1.03
Dokumental® ER 3570	Pink	4.0	37.0	3.0	1.03
Dokumental® ER 3571	Magenta	4.0	37.0	3.0	1.03
Dokumental® ER 3572	Berry	4.0	31.0	3.0	1.03
Dokumental® ER 3580	Petrol	4.0	37.0	3.0	1.03
Dokumental® ER 3585	Grey	4.0	37.0	3.0	1.03
Dokumental® LF 4220	Colourless	2.0	> 40.0	11.3	1.04

Erasable Fibre Pen Inks

Technical advice:

Suitable Components:

Nibs: Polyester, Acrylic (the use of Nylon nibs is not recommended due to possible color changes, PE has not been tested)

Fibre Reservoir: Polyester (others have not been tested)

Barrel, Caps, Plugs: Polypropylen, Polyethylene

It is mandatory to approve suitability and compatibility of the inks and the components as well as the performance of the writing system.

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 contamination). Cross-contamination of the inks lead to a colour mismatch or will even lead to a defective maker of shorter shelf life.

The inks contain biocides to prevent microbial growth, but for best protection we additionally recommend to ensure best hygienic conditions in production areas as well as cleanliness of all marker components.

Depending on the chemical characteristics of the used paper slight colour change may occur either immediately or even after some days.

Storage, Handling & Transportation

Depending on the chemical characteristics of the used paper slight colour change can occur after some days.

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

Shelf life of the inks is 1 year (preliminary fixing). Make sure that the drums are closed tightly after they were opened.

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.

Packaging

20 kg plastic drum

200 kg plastic drum

1,000 kg IBC

Produced by

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Erasable Fibre Pen Inks



Dokumental®
ER 3500
blue



Dokumental®
ER 3501
skyblue



Dokumental®
ER 3510
black



Dokumental®
ER 3520
red



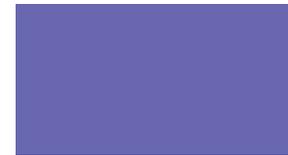
Dokumental®
ER 3521
carmine red



Dokumental®
ER 3530
green



Dokumental®
ER 3531
dark green



Dokumental®
ER 3540
violet



Dokumental®
ER 3550
brown



Dokumental®
ER 3560
yellow



Dokumental®
ER 3561
orange



Dokumental®
ER 3570
pink



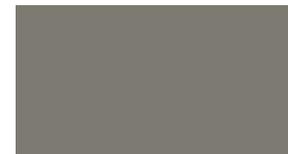
Dokumental®
ER 3571
magenta



Dokumental®
ER 3572
berry



Dokumental®
ER 3580
petrol



Dokumental®
ER 3585
grey