

## Erasing Liquids for Erasing and Changing various Inks

**General Information**

Dokumental®'s Erasing Liquids are used for erasing or colour changing of Dokumental® inks like fountain pen inks, erasable marker inks, magic marker inks and fineliner inks.

Dokumental® LF 4203 is a special liquid to erase the Fineliner Ink Dokumental® SP 3504 B blue. After drying the erased areas can be overwritten with the same inks.

**Suitable Surfaces**

For all kind of papers

**Certificates / Approvals / Regulations**

ASTM D-4236: All inks are ASTM D-4236 approved. The finished markers need separate ASTM D-4236 approval.

CE (Toys): LF 4205.1 CE follows the requirements of the European Toy Directive (2009/48/EC).

ISO 9001

**Physical Data**

Type	Application	Viscosity at 20°C mPa s ± 0.5	Surface tension mN/m	pH-Value	Density at 20°C g/cm <sup>3</sup> ± 0.02
Dokumental® LF 4203	SP 3504 B blue	5.0	32 - 36	12.4 ± 1.0	1.00
Dokumental® LF 4204	CC 33xx	3.9	28 – 32	1.3 ± 0.5	1.12
Dokumental® LF 4205.1 CE	ER 31xx / CC 32xx/ GT 9301.1 / CC 33xx / FP 1800 blue	2.5	> 40	9.5 ± 1.0	1.12

**Suitable Components**

The erasing liquids must not come into contact with acid reacting substances in pen components (e. g. acrylic nibs acetate reservoirs) or during processing.

Stability of polyester nibs has to be tested in advance.

Nibs: polyester, foamed polyethylene

Barrels, Caps and Plugs: polypropylene, polyethylene

Reservoir: polyester only

**Storage, Handling & Transportation**

Store frost protected.

The shelf-life of the liquids is 1 year in original sealed containers.

**Packaging**

standard packaging: 20kg plastic canister (further packaging units on request).

**Produced by**

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