

## Water Based Chalk Marker Inks With High Covering Power

### General Information

The pigmented inks of Dokumental® KR 97xx have brilliant colours with high covering power. Non metallic colours appear more brilliant under UV-light (except white and violet).

For valve action markers only!

### Suitable Surfaces

For all kind of smooth surfaces (glass, PP-foils, metal, blackboards). The inks can easily be removed with a wet cloth or water.

### Applicable Standards & Regulations on request

### Physical Data

Type	Colour	Viscosity at 20°C mPa s ± 3.0	Surface tension mN/m ± 2.0	Density at 20°C g/cm <sup>3</sup> ± 0.02	pH-Value ± 1.0
Dokumental® KR 9700	fluo yellow	14.0	31.8	1.14	7.0
Dokumental® KR 9710	fluo green	14.7	31.8	1.14	7.1
Dokumental® KR 9720	fluo orange	11.4	31.2	1.14	6.8
Dokumental® KR 9730	fluo red	12.5	31.5	1.15	7.5
Dokumental® KR 9732	fluo red	20.0	31.6	1.17	7.8
Dokumental® KR 9740	fluo pink	14.4	32.0	1.14	7.0
Dokumental® KR 9770	violet	13.5	31.3	1.14	6.7
Dokumental® KR 9780 N	white	20.0	28.0	1.38	8.0

### Technical Advice

#### Suitable Components

It is recommended to have a corrosion safe ball, or cylinder (SS or glass) in the ink tank to obtain a good distribution of the pigments by shaking the marker before use.

Nibs: polyester, acrylic with high porosity

Barrels: polypropylene

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

### Storage, Handling & Transportation

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

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

The shelf life of the ink in original sealed containers and under optimal storage conditions is 1 year, for metallic inks 6 months.

Stir well before use and stir ink during ink injection in order to avoid pigment sedimentation during filling process.

### Packaging

standard packaging: 25kg plastic canister (further packaging units on request).

### Produced by

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