

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 ³ ± 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.

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

Storage, Handling & Transportation

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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