

Permanent Marker Inks In Side Colours With Excellent Cap-Off Properties

General Information

The inks of Dokumental® MA 45xx series is the ideal addition of side colours to Dokumental® MA 30xx series. The cap-off-time of the inks is at least two weeks under ISO 554 (23/50) conditions. The cap-off times strongly depend on colour, tip material, and surrounding conditions. Tests with the chosen tip material are recommended.

Suitable Surfaces

For most smooth surfaces, papers and cardboards.

Applicable Standards & Regulations on request

Physical Data

Type	Colour	Viscosity at 20°C mPa s ± 0.5
Dokumental® MA 4541	violet	2.2
Dokumental® MA 4572	magenta	2.0
Dokumental® MA 4581	turquoise	2.5

Suitable Components

The inks are incompatible with polystyrene, ABS and polyamide (NYLON)

Nibs:	polyester, acrylic
Reservoirs:	polyester, polypropylene
Barrels:	polypropylene, rigid PVC, for pure aluminum, corrosion tests are recommended in order to approve the compatibility with the different aluminum qualities available on the market
Caps, Plugs:	polypropylene, HD-polyethylene

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 inks in original sealed containers is 2 years.

After usage the drums have to be closed again tightly.

Horizontal storage of the markers is recommended in order to get the maximum shelf life.

CAUTION: the inks are classified as flammable liquids! For detailed safety information refer to the respective Material Safety Data Sheets.

Packaging

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

Produced by

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