

Document-proof inks for fountain pens

The development of our document inks for fountain pens took a total of 12 months. The focus was on selecting and testing the pigments to be used and their behavior in the fountain pen, the flow properties during the writing process and the use of various additives to achieve the properties required for DIN ISO certification. The result is document-proof inks for fountain pens that differ significantly from inks already available on the market.

Ink development

The 9 different colors of Octopus Fluids "Document Inks" remain bright and luminous due to their pigmentation and adhesion promoters used.

Conventional documentary inks often have only a very low pigment content. Most of their coloring is due to the additional dyes they contain. Dyes have the property of not being light-stable and therefore fade sooner or later. In the case of these document-fast inks, only the small amount of remaining pigments ensures document fastness, but the color strength is lost.

The Octopus Fluids "Document Inks", however, are more resistant to UV rays and do not lose any of their radiant color strength even after a long time. We have not added any dyes and have used only the finest pigments. This ensures that writers can present their work over the long term without worrying about the colors fading or becoming illegible.

Certification of the document inks

The DIN ISO certification of our document inks was carried out by the independent Paper Technical Foundation (PTS). As part of the certification work, the document inks were tested for eraser resistance, ethanol resistance, hydrochloric acid resistance, ammonia resistance, bleach resistance, water resistance and light fastness. The tested fountain pen inks meet the requirements of the above-mentioned properties according to DIN ISO 12757-Part 2: 1999 (see PTS test report no. 45.240 dated 06.02.2023).

Octopus Fluids Document Inks are waterproof, lightfast, smudge-resistant, non-erasable and resistant to most other chemicals.

Application

They are used in a similar way to standard fountain pen inks. They can be easily drawn from the 30 ml ink jars into a converter or filled into standard fountain pen cartridges using a syringe or needle bottle.

The Octopus Fluids Document Inks are permanent pen inks which have been specially developed for professional use in the office, especially for signing under official documents and certificates.

They are therefore the ideal inks for notaries, judges, architects, employees in public authorities or for writing important examinations with a fountain pen.

The Octopus document inks are pigmented, non-labelled and vegan, and with 9 different colors offer a wide choice to add a creative touch to your everyday writing. Now you just have to decide which color you will use to sign your documents in future.

Finest pigments are used for the inking. This gives you a strong typeface. The document inks differ from the Octopus Write and Draw Inks in that they contain less binder. This ensures an optimal ink flow and makes cleaning the fountain pen easier. Nevertheless, even with these inks, drying in the fountain pen should be avoided and the pen should be cleaned thoroughly before prolonged non-use.

Please take care not to let the fountain pen dry out. As the inks are waterproof and permanent, the resistance will also show in the dried-up fountain pen. It will then take a great deal of effort to clean the fountain pen.