

### Water Based, Pigmented Gel Inks

#### General Information

The inks show brilliant and intense colours with a high light and water resistance (ISO 14145-2). They generate a smooth and agreeable writing feeling.

#### Suitable Surfaces

All kind of papers

#### Applicable Standards & Regulations on Request

#### Physical Data

Type	Colour	Surface tension mN/m ± 2.0	Viscosity at 20°C mPa s ± 100	pH-Value
Dokumental® GT 9405	blue	33.4	500	6.9 - 8.9
Dokumental® GT 9413	black	34.0	500	7.5 - 9.5
Dokumental® GT 9422	red	31.4	500	6.8 - 9.0
Dokumental® GT 9433	green	31.5	500	6.8 - 8.8

#### Suitable Components

Tip adapters & tip protector caps:  
 Polypropylene or a co-polymer of the same are recommended. If it is intended to use silicone as tip protector cap material, intense compatibility tests are recommended, because interactions between certain silicone qualities and the inks may occur.

#### Tubes:

Polypropylene is recommended.

#### Storage, Handling & Transport

All Dokumental® GT 94xx series gel inks demand careful handling and processing during refill production.

The filling station has to be maintained and cleaned carefully. The inks are sensitive to any kind of contamination. Contamination of the inks may cause colour mismatch or will even lead to a defective refill.

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.

After usage the drums have to be closed again tightly.

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

The shelf life of the inks in original sealed containers is 18 months.

#### Packaging

20kg plastic canister  
 200kg plastic drum  
 1,000kg IBC

#### Produced by

DOKUMENTAL GmbH & Co KG  
 Wöllnerstraße 26  
 D-67065 Ludwigshafen  
 Phone: +49(0)621/37702-321  
 Fax: +49(0)621/37702-391  
 Mail: [info@dokumental.de](mailto:info@dokumental.de)  
[www.dokumental.de](http://www.dokumental.de)