

Technical Data Sheet

Dokumental® TS 48xx T-Shirt Marker Inks

Permanent T-Shirt Marker Inks For Dark Fabrics

General Information

The inks of Dokumental® TS 48xx series are water-based and withstand washing procedures up to 30°C. They can be used in valve action markers only!

Suitable Surfaces

Textiles

Certificates / Approvals / Regulations

ISO 9001

Physical Data

Type	Colour	Viscosity at 20°C mPa s ± 1.0	Surface tension mN/m	Density at 20°C g/cm ³ ± 0.02	pH-Value ± 1.0
Dokumental® TS 4893	gold	16.9	35.2	1.30	8.1
Dokumental® TS 4892	silver	15.3	36.1	1.30	8.4

Suitable Components

Use valve action markers only!

Do not use polystyrene, ABS or polyamide!

Nibs: polyester, acrylic with high porosity

Barrels, Caps, Plugs: polypropylene, polyethylene

Packaging

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

Produced by

DOKUMENTAL GmbH & Co KG Schreibfarben

Wöllnerstraße 26

D-67065 Ludwigshafen

Phone: +49(0)621/5402-321

Fax: +49(0)621/5402-391

Mail: info@dokumental.de

www.dokumental.de

Storage, Handling & Transportation

Store frost protected.

The long term storage temperature should not exceed 30°C to avoid premature ageing of the inks.

The short term temperature stress during transportation should not exceed 40°C for a maximum of several days.

Mix inks well before use.

The shelf life of the inks in original sealed containers is one year.

Inks should be stirred during filling process to avoid sedimentation in the storage tank of the assembly machine.

Markers should be stored horizontally.

Ink-flow tests should be carried out on fabrics and not on paper.

Fixing of the inks:

1.) after application on fabrics the ink shall dry for 12 h.

2.) After drying iron the reverse side of the fabric (temperature as recommended for the fabric used).