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TECHNICAL DATA SHEET

GEL INK GXF SERIES

TECHNICAL CHARACTERISTICS

GXF are dye-based gel inks specially designed for smooth writing and good ink flow with all gel tips with ball diameter from 0.7 mm and smaller, down to 0.4 mm. Water-based and available in many brilliant

shades.
Suitable for any kind of paper.

Colour ref. No:	BLACK GXF	BLUE GXF	RED GXF	LIGHT GREEN GXF	DARK GREEN GXF	YELLOW GXF
Viscosity Brookfield spindle LV3 rpm 60 cps to 25°C	330 ± 50	330 ± 50	450 ± 50	450 ± 50	450 ± 50	450 ± 50
pH:	8 ± 1	7 ± 1	7 ± 1	7 ± 1	7 ± 1	7 ± 1
Surface Tension (mN/m)	> 40	> 40	> 40	> 40	> 40	> 40
Specific gravity	1,1 ± 0,2	1,1 ± 0,2	1,1 ± 0,2	1,1 ± 0,2	1,1 ± 0,2	1,1 ± 0,2
Colour ref. No:	SKY-BLUE GXF	ORANGE GXF	BROWN GXF	MAGENTA GXF	VIOLET GXF	PINK GXF
Viscosity Brookfield spindle LV3 rpm 60 cps to 25°C	450 ± 50	450 ± 50	450 ± 50	450 ± 50	450 ± 50	450 ± 50
pH:	7 ± 1	7 ± 1	7 ± 1	7 ± 1	7 ± 1	7 ± 1
Surface Tension (mN/m)	> 40	> 40	> 40	> 40	> 40	> 40
Specific gravity	1,1 ± 0,2	1,1 ± 0,2	1,1 ± 0,2	1,1 ± 0,2	1,1 ± 0,2	1,1 ± 0,2

SUITABLE COMPONENTS

Nibs/Tips: SS Tips (spring-loaded, nickel free spring)

Tube: Polypropylene

The use of an ink follower is very crucial to avoid back leaking of the inks, as well as evaporation of the ink.

Horizontal storage of the refills is suggested to get the maximum shelf life.

It is recommended to thoroughly test the components selected.

INSTRUCTION FOR USE

Centrifugation, depending on diameter of the centrifuge, to remove air-bubbles between ink and ink follower is recommended.

Dye based gel inks can be centrifuged without problems for long times and at high speeds, provided that the seal between the adapter and the tube, tip and adapter and tip and protection

plug/cap are suitable to block ink leaking under pressure (in the tube by the centrifugal force).

Vacuum centrifuge recommended time 10 minutes, speed 700 RPM, vacuum 0.25 atm (diameter of centrifuge 0,60 m).

HANDLING INSTRUCTIONS

Store frost protected and avoid direct sunlight. Optimal storage temperature is between 15°C and 30°C.

Drums should be closed tightly during storage.

PACKING

50 KG net Plastic Drums
200 KG net Plastic Drums

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