

TECHNICAL DATA SHEET

GEL INK FAST DRY SUPERWASHABLE 4082

TECHNICAL CHARACTERISTICS

Gel ink 4082 are the latest water-based gel inks developed. As the name suggests they are instant drying and show no smearing while writing. Formulated to be superwashable from hands and from most fabrics.

Very smooth and pleasant.
Suitable for any kind of paper. Available in four shades.

Colour ref. No:	BLACK 4082/1	BLUE 4082/2	RED 4082/3	GREEN 4082/4
Viscosity Brookfield spindle LV3 rpm 60 cps to 25°C	450 ± 50	450 ± 50	450 ± 50	450 ± 50
pH:	8 ± 1	6 ± 1	6 ± 1	6 ± 1
Surface Tension (mN/m)	> 40	> 40	> 40	> 40
Drying time	< 1''	< 1''	< 1''	< 1''

WASHABILITY TEST

Before Washing	After Washing in water at 40° added with 1% of detergent and left it to soak for 30 minutes.
	

SUITABLE COMPONENTS

Nibs/Tips: SS Tips

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.

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

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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