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## TECHNICAL DATA SHEET

### GEL INK INSTANT DRY 3168

#### TECHNICAL CHARACTERISTICS

Gel ink 3168 are the latest water-based gel inks developed. As the name suggests they are instant drying and show no smearing while writing. Very smooth and pleasant.

Suitable for any kind of paper. Available in four shades.

Colour ref. No:	BLACK 3168	BLUE 3168	RED 3168/3195	GREEN 3168
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
OTHER INFORMATIONS:				
Drying time	< 1''	< 1''	< 1''	< 1''

#### 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.

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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