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TECHNICAL DATA SHEET

GEL INK DRY ERASE GTC 4158

TECHNICAL CHARACTERISTICS

GTC 4158 are water-based dry erasable inks.

The inks with their smooth and pleasant writing, can be easily dry-erased from any kind of paper. More shades available on request.

Colour ref. No:	GTC BLACK 4158	GTC BLUE 4158	GTC RED 4158
Viscosity HAAKE- RV20 with PK100 and cone/plate PK5-1.0 (cps, 25°C) Shear rate 98 (1/s)	170 ± 30	170 ± 30	170 ± 30
pH:	5,5 ± 1	5,5 ± 1	5,5 ± 1
OTHER INFORMATIONS:			
Particle diameter D90	< 5 µ	< 5 µ	< 5 µ
Ink became colorless when temperature is above:	50°C	50°C	50°C
Ink starts reappearing/reappears completely when temperature is below:	-6/-14°C	-6/-14°C	-6/-14°C

SUITABLE COMPONENTS

Nibs/Tips: SS Tips with High Ink Flow and possibly Nickel Free Spring like High Ink Flow Premec 670SS/07/CC/CSn-ES667

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. Under

vacuum 450 rpm/1 min (diameter of centrifuge 0,60 m).

HANDLING INSTRUCTIONS

Do not expose ink to temperatures higher than 35°C. 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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