

PRODUCT DATA SHEET

AQUAFLEX 2000 SERIES

AQUAFLEX

AQUAFLEX water-based inks are formulated for flexo printing on absorbent substrates. They are characterized by their ability to provide high quality prints and maximum brightness over bleached, oyster and brown substrates.

PROPERTIES

High color strength at low viscosity.
Rapid drying by absorption into the substrate.
Water-based flexo inks are used for a wide variety of applications. Customers are therefore encouraged to contact our technical department to ensure specific requirements are met.

TECHNICAL INFORMATION AND INK HANDLING

SUBSTRATES

AQUAFLEX 2000 is intended for printing on Tissue Papers and also can be used on Bleached, oyster and brown kraft used in sacks, corrugated and solid fibre board cases.
Sulphite papers used in bags and wrapping papers.
Other paper-based materials including certain coated stocks.

REDUCTION

Reduce with water only to printing viscosity. At high printing speeds viscosities as low as 17 sec Zahn # 2 may be used. On slower printers, viscosities of around 30 sec. may be more appropriate. The optimum pH value for printing is 8.5 – 9.0. Our pH stabilizer 3000– 1000 is recommended for adjustment if necessary.

WASH-UP

Water is usually sufficient. If inks have been allowed to dry on the rollers or stereotypes, propylene glycol ethyl ethers or a mild alkali solution may be necessary to fully remove dried ink.

ROLLERS AND
STEREOS

AQUAFLEX inks are a water-based and may be used with all normal rubber and photopolymer stereos. Mild steel rollers should not be used as they can corrode.

COLOUR

AQUAFLEX inks are available in wide variety of shades and can be matched to customer samples. Although the pigments used in AQUAFLEX are not normally suited to extended exposure to direct sunlight.

STORAGE

Being water-based, AQUAFLEX inks are not flammable.

This information has been carefully compiled from experience gained in field conditions and detailed laboratory testing. However, the product's performance and its suitability for the customer's purpose depend on the particular conditions of use and the material being printed. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. Since we cannot anticipate or control the conditions under which our products are used it is not possible to guarantee their performance. We would point out that the information contained in this leaflet is only a recommendation and may need to be altered to suit the conditions and efficiency of the equipment employed. Our products are not designed for use in conjunction with those of any other ink maker or similar supplier unless agreed to in writing. All sales are subject of our standard terms and conditions of sale.