

PRODUCT DATA SHEET

AQUAFLEX MARINER 5000

AQUAFLEX	AQUAFLEX MARINER water based inks are formulated for flexo printing on bleached kraft and white top substrates. AQUAFLEX MARINER can be used for process printing. They are characterized by their ability to provide high quality prints and maximum rub resistance. AQUAFLEX MARINER is designed for quality post print and fast drying with in-line conversion. AQUAFLEX MARINER does not contain any heavy metal pigments.
PROPERTIES	High colour strength. Excellent press stability. Fast drying on semi-coated and coated board. 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	Natural and Bleached test-liners. White top Semi coated and coated substrates.
REDUCTION	Reduce with water only to print viscosity. AQUAFLEX MARINER inks may be used at speeds between 3000 and 15000 sheets/hour according to the press and job. The optimum pH value for printing is 8.5 - 9.0 3000-1000 is recommended for adjustment.
WASH UP	Water is normally used. However, 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 MARINER is water based and may be used with all normal rubber and photo polymer stereotypes. Mild steel rollers should not be used as they are liable to corrode.

- COLOUR RANGE** AQUAFLEX MARINER inks are available in a range of single pigmented colours suited to in-house blending operations or as matched shades.
- CAUTION** AQUAFLEX MARINER are not normally suited to extended exposure to direct sunlight.
- STORAGE** Being water based AQUAFLEX MARINER inks are not considered highly inflammable.
- WASTE DISPOSAL** Care should be exercised in the disposal of printing ink waste. This should be carried out in accordance with good industrial practice and local legislations.

This information has been carefully compiled from experienced 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.