

RW SERIES

WATER BASED FLEXO INKS

DESCRIPTION	Water based flexo inks designed primarily for narrow web presses printing self adhesive labels.
PROPERTIES	Low viscosity Water reducible High colour strength Excellent press stability
APPLICATION	Mix well before use Anilox 90 - 120 l/cm Cell volume 7-10 cm ³ /m ² Minimum dryer temp 50°C with good air flow Print speeds up to 150 m/min Clean equipment immediately after use
SUBSTRATES	Uncoated papers and boards Coated papers and boards Top coated thermal paper with suitable varnish Some filmic materials after testing
GUIDELINES FOR USE	Additives: Under certain conditions, additives may be required to ensure optimum performance of RW series. Retarder: Up to 5% can be added when the ink is observed to be drying too fast, for example in warm conditions or when press speeds are very low. Wax Additive: Up to 3% for additional scratch resistance. Defoamer: Up to 1% should be well mixed into the ink to destroy any excess foaming. Best results are obtained if pre mixed first with a little water. Do not exceed 1% addition. Print Aid: Up to 5% can be added to the ink when used on long print runs to ensure pH is maintained at an optimum level. Accelerator: Up to 5% will assist in speeding up the drying process when this is necessary. Thermal Printing: RW series can be used on top coated thermal paper, however a varnish such as RT201 should be used to provide adequate heat resistance. RT series inks are normally recommended for thermal printing. Laser Printing: Not recommended for laser overprinting. RT series should be used. Thermal Transfer/Hot Foil Printing: RW series are normally suitable for overprinting with thermal transfer ribbons or with hot foils. Due to the number of different machines and materials, trials are always recommended to ensure full compatibility before production commences. Varnishes: Application of a waterbased or UV varnish will enhance the appearance and resistance properties of RW series inks. Consult our technical department for the best varnish to meet your needs. Cleaning: Anilox rollers and equipment should be cleaned with waterbased ink cleaner such as Flexwash Aqua.

RANGE

Shade	Product Code	Lightfastness
Transparent White	RW000	
Opaque White	RW001	8
Yellow	RW003	4-5
Yellow 012	RW004	4-5
Orange	RW005	5
Warm Red	RW006	4-5
Red 032	RW007	5
Rubine	RW008	4
Rhodamine	RW009	3
Purple	RW010	3
Violet	RW011	3
Blue 072	RW012	5
Reflex Blue	RW013	5
Process Blue	RW014	8
Green	RW015	8
Black	RW016	8
Dense Black	RW017	8
Process Cyan	RW018	7
Process Magenta	RW019	3
Process Yellow	RW020	4
Process Black	RW021	8

STORAGE & HANDLING

Store at temperatures between 15°C and 20°C.
Protect from frost.
In unopened containers RW series inks have a shelf life of 12 months.

PACKAGING

5kgs

AUXILIARY PRODUCTS

RLA321 Wax Additive
RLA322 Defoamer
RLA324 Print Aid
RLA326 Accelerator
RLA330 Retarder
RLA363 Flexwash Aqua II water based wash up

DISCLAIMER

The information contained in this data sheet is correct to the best of our knowledge. It is intended as a guide only for the optimum use of the named product(s) and is not intended as a warranty or as a specification. This datasheet may not be suitable for combinations with other materials or in processes other than those specifically described. The user should always make their own tests to establish that the product(s) meets their requirements.