

RV SERIES

WATER BASED FLEXO INKS

DESCRIPTION	Water based flexo inks designed primarily for narrow web presses printing self adhesive labels. Suitable for a wide range of substrates including films and papers.
PROPERTIES	Low viscosity Water reducible Excellent adhesion 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 Coated/treated PE/PP PVC Polyester Other materials after testing
GUIDELINES FOR USE	Additives: Under certain conditions, additives may be required to ensure optimum performance of RV 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: RV series are not recommended for use on thermal paper. 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: RV series are not recommended for overprinting with thermal transfer ribbons, hot foiling is normally possible but should be checked prior to production runs. Varnishes: Application of a waterbased or UV varnish will enhance the appearance and resistance properties of RV 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.

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RANGE

Shade	Product Code	Lightfastness
Transparent White	RV000	
Opaque White	RV001	8
Yellow	RV003	4-5
Yellow 012	RV004	4-5
Orange	RV005	5
Warm Red	RV006	4-5
Red 032	RV007	5
Rubine	RV008	4
Rhodamine	RV009	3
Purple	RV010	3
Violet	RV011	3
Blue 072	RV012	5
Reflex Blue	RV013	5
Process Blue	RV014	8
Green	RV015	8
Black	RV016	8
Dense Black	RV017	8
Process Cyan	RV018	7
Process Magenta	RV019	3
Process Yellow	RV020	4
Process Black	RV021	8

STORAGE & HANDLING

Store at temperatures between 15°C and 20°C.
Protect from frost.
In unopened containers RV 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.