

PHOENIX INKS

WB FLEXOGRAPHIC INKS FOR FILMS AND FOILS

Phoenix Inks film series products have combined the colour strength and ease of use of today's paper inks with excellent adhesion and resistance properties . Experience has proven that these inks are compatible with most non-porous substrates commonly in use in today ;s narrow-web market Although formulated for films and foils, these quick drying inks also perform well on paper . (Not recommended for non-top coated or economy thermal papers).

SHELF LIFE

Standard Ink Products	6 months
Standard Metallics	6 months
Fluorescents	3 months

Product s will in most cases exceed the guaranteed shelf life, but if in any doubt, please contact our technical department for advice. Protect from freezing and avoid heat above 28°C. Mix before use, as some separation may occur after prolonged storage.

PRODUCT RANGE

- Full Pantone shade reference, including all 10 12 Pantone mixes
- Balanced 4 colour process set
- Higher pigment content if required (concentrates).
- Special I spot colour mixes (min. 1 kg)

COMPATIBILITY

Phoenix film inks have been formulated to be compatible with as many' different water based inks as possible, to allow a smooth and cost effective change to this excellent system without wasting your current inventory . Mixing Phoenix film inks with other manufacturers' inks may reduce it's resistance properties and have a detrimental effect on its printability , so be careful to check that the printed label has the resistance properties that you require.

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BWS LIGHTFAST PROPERTIES

The minimum Blue Wool Scale reading for these products is 5. This grades the inks as 'permanent'. BWS 5 is considered sufficient for most labelling needs in the UK. BWS is a guide to resistance to the ultraviolet rays under controlled conditions and should not be mistaken for outdoor weather resistance.

WATER RESISTANCE

Maximum resistance will develop 24 hours after printing. Under normal conditions this will be suitable for chill cabinet application .

No water based product is 'waterproof' . Inks will have varying degrees of water resistance, depending on their formulation .

For maximum resistance the use of the appropriate varnish is recommended .

BEAT RESISTANCE

220°C Ink to Hot Metal Platten 2 sec dwell time @ 45 psi

This exceptional heat resistance is suitable for many specialist applications.

CLEANING RECOMMENDATIONS

Phoenix Inks film series products are fast drying to allow maximum press speeds and the quick development of resistance properties . It is therefore important not to let the ink dry on rollers, anilox or printing plate, as cleaning will be more difficult.

ADHESION

Phoenix Inks film products will adhere to the vast majority of substrates commonly used in narrow-web converting.

Because of the wide variety of top coatings and treatment levels, it is strongly recommended that printers test particular combinations before embarking on print runs.

CAUTION

As with most film series inks, successful overprinting with today's variable information printers is more difficult. A range of receptive varnishes is available to allow successful overprinting.