Technische Information

huber group

Security inks

The ink in question is a conventional fluorescent ink for offset printing. We are pleased to offer the following ink:

Security ink transparent, bluish	47S 2030 09
Security ink transparent, yellowish	47S 2028 09
NewV poly Fluorescent ink bluish	202226UP
NewV poly Fluorescent ink yellowish	131198UP

The ink can be printed in wet offset or in letterpress. While printing and after drying, the printed area appears nearly transparent. When submitted to UV rays, they are lighting in a bluish or yellowish shade. An after lighting effect will not be obtained with this formula.

For example, bar codes which will be submitted to a suitable UV reading system can be printed with this ink. The reading capacity is to be tested with the type of UV reading system used. A high inking strength when printing will increase the lightening effect.

During printing with the e.g. inks, the sheets must be controlled, if the fluorescent effect is on the right level. With this control you avoid failures in inks transfer.

The light resistance properties of the fluorescent inks are very low.

When using the fluorescent ink and e.g. varnishes, the printing substrates to be used, must be free from optical brightener or extender to obtain an evident effect.

In any case a test under prevailing conditions should take place.

Signed

Michael Radtke