

## Fluorescent Bio Inks

### Offset inks with Fluorescent effect

**Fluorescent Bio** inks have the same properties as normal sheetfed offset inks with additional glowing properties. Under normal daylight, the printing products have a glowing effect.

The **Fluorescent Bio** properties are:

- Fluorescent Bio inks transform UV light in visible light, thus obtaining their luminescence
- Fluorescent inks are not self-illuminating, they are not radioactive, not do they contain phosphorescent materials, they do not glow in the dark, but only in daylight.
- The Fluorescent Bio range includes 7 primary colours and 7 secondary colours, which correspond to the PANTONE® colour book. The secondary colours can be mixed from primary colours but can also be obtained ready-to-print.
- Fluorescent Bio inks are based on Bio-binders and offer high brilliance and very good printability as well as excellent colour intensity and luminescence.

		Properties				
		Transparent	Light	Nitro	Spirit	Alkali
Primary colours	PANTONE® Colour Shade					
Fluorescent 801 BIO Blue	PANTONE® 801	-	7	+	+	+
Fluorescent 802 BIO Green	PANTONE® 802	-	2	+/-	-	+
Fluorescent 803 BIO Yellow	PANTONE® 803	-	1	-	-	+
Fluorescent 804 BIO Orange	PANTONE® 804	-	1	-	-	+
Fluorescent 805 BIO Red	PANTONE® 805	-	1	-	-	+
Fluorescent 806 BIO Pink	PANTONE® 806	-	1	-	-	+
Fluorescent 807 BIO Violet	PANTONE® 807	-	1	-	-	+

		Properties				
		Transparent	Light	Nitro	Spirit	Alkali
Primary colours	PANTONE® Colour Shade					
Fluorescent 808 BIO Green	PANTONE® 808	-	2	+/-	-	+
Fluorescent 809 BIO Yellow	PANTONE® 809	-	1	-	-	+
Fluorescent 810 BIO Yellow	PANTONE® 810	-	1	-	-	+
Fluorescent 811 BIO Orange	PANTONE® 811	-	1	-	-	+
Fluorescent 812 BIO Red	PANTONE® 812	-	1	-	-	+
Fluorescent 813 BIO Pink	PANTONE® 813	-	1	-	-	+
Fluorescent 814 BIO Violet	PANTONE® 814	-	1	-	-	+

DEGREES OF LIGHTFASTNESS	SUMMER	WINTER
Blue Wool Scale 1	0.25 – 0.5 DAY	0.5 DAY
Blue Wool Scale 2	0.5 – 1 DAY	1 DAY
Blue Wool Scale 3	4 – 8 DAYS	2 – 4 WEEKS
Blue Wool Scale 4	2 – 3 WEEKS	2 – 3 MONTHS
Blue Wool Scale 5	3 – 5 WEEKS	4 – 5 MONTHS
Blue Wool Scale 6	6 – 8 WEEKS	5 – 6 MONTHS
Blue Wool Scale 7	3 – 4 MONTHS	7 – 9 MONTHS
Blue Wool Scale 8	OVER 1½ YEARS	

*This technical instruction sheet is designed for your information and reference. It is based on and conforms to our current knowledge. However as actual application is affected by many factors over which we have no control, we are not liable for printing failures.*