



NewV flex[®] dayglow fluorescent inks

according to PANTONE[®]

The following custom-made dayglow fluorescent inks are currently available, the colour shades in line with the PANTONE[®] colour guide:

NewV flex [®] dayglow fluorescent inks		
NewV flex [®] dayglow blue	(PANTONE 801)	801 UF
NewV flex [®] dayglow green	(PANTONE 802)	802 UF
NewV flex [®] dayglow yellow	(PANTONE 803)	803 UF
NewV flex [®] dayglow orange	(PANTONE 804)	804 UF
NewV flex [®] dayglow red	(PANTONE 805)	805 UF
NewV flex [®] dayglow red	(PANTONE 806)	806 UF
NewV flex [®] dayglow violet	(PANTONE 807)	807 UF

Application

These inks are not so well suited to the printing of halftone areas and fine line drawings as the heavy inking required to obtain the required optical effect readily causes filling-in of fine halftone areas. The high film weight of the inks can cause problems when overprinting. We recommend you carry out a printability test prior to beginning the print run.

The light fastness of dayglow fluorescent inks is very poor. It is inadvisable to use them outdoors and equally so for print products that are exposed to intensive light and direct sunlight. Dayglow fluorescent inks are not resistant to spirit varnishes or nitrocellulose varnishes. Neither do they have alkali fastness (tested acc. to DIN 16524). If the print is to be laminated or finished with a water-based emulsion coating or UV lacquer, you should carry out tests prior to beginning the print run.

Special instructions:

Unlike other the colour shades, **NewV flex[®] Dayglow Blue 63 UF 0801** and **NewV flex[®] Dayglow Green 64 UF 0802** exhibit an adequate optical effect when printed in standard film thicknesses.

Printing auxiliaries

NewV sup [®] Reducer, Coloured	60 U 1001	max.	10 %
NewV sup [®] Reducer, White	60 U 1002	max.	10 %
NewV sup [®] Activator, Coloured	60 U 1003	max.	5 %
NewV sup [®] Activator, White	60 U 1004	max.	5 %
NewV sup [®] Slip Additive	60 U 1009	max.	3 %
NewV sup [®] Adhesion Promoter	60 U 1012	max.	10 %
NewV sup [®] Defoamer	60 U 1013	max.	0.5 %
NewV sup [®] Washup Solution	60 U 1000		

Caution

In some cases, colour shifting occurs when passing the UV curing unit. Thermal papers can become discoloured by dayglow fluorescent inks. For this reason, carry out a test prior to beginning the print run.



Food and confectionery packaging

The inks of the **NewV flex**[®] series are not suitable for printing primary food packaging. More information on the subject of food and consumables (semi-luxury foods and tobacco) packaging can be found in the information sheet entitled „Druckfarben für Lebensmittelverpackungen“ (Printing inks for food packaging) published by the German Printing Ink Manufacturers' Association and in Technical information sheet 5.04.01 entitled „NewV UV inks and lacquers for food packaging“.

Classification

Safety Data Sheet available on request.

Shelf life

When stored under the correct conditions (20 °C, protected against heat and light): min. 12 months

How supplied

5-kg cans