

O.V.M® - Fiduciary Inks

Disruptive and Flexible Security for I.D documents



Security Inks exclusively reserved for ID documents



Multi-level control embedded into one security feature (1 / 1+ / 2 / 3)



A new generation of highly secured inks with disruptive visual effects



Strong color fastness



Easy to control and memorize by police forces and citizens



Available in multiple color shifts (e.g : Blue/Red - Green/Red - Pink/Green - Blue/Green)



Can be applied with standard printing processes (e.g : offset, screen printing)

Recap of Security Features and Check Points

Effect	Level	Description	
ColorShift	1	O.V.M Fiduciary Inks offer a very innovative and intuitive visual effect: the pattern printed on the transparent area of the ID document changes color according to the color of the background on which it is displayed. For example, the printed pattern appears Blue when viewed on a light background; it turns Green on a dark background.	
Smart Shadow	1+	O.V.M Fiduciary Inks create a new level of intermediate verification between level 1 and level 2. This new level is observable thanks merely to equipment readily available to the general public: the flashlight of a smartphone (or any other conventional white light source). For example, the printed pattern turns Green when its projected shadow remains Blue.	
UV-Boost	2	The pattern printed with O.V.M Fiduciary Inks shows a very strong fluorescence under UV light.	
ChemLock	3	Level 3 is controlled with laboratory equipment. Each O.V.M Fiduciary Ink is identifiable by a unique spectral DNA. It can be certified by C.S.T lab.	