

ValiMark ®

Covert features

Silk screen and offset printing

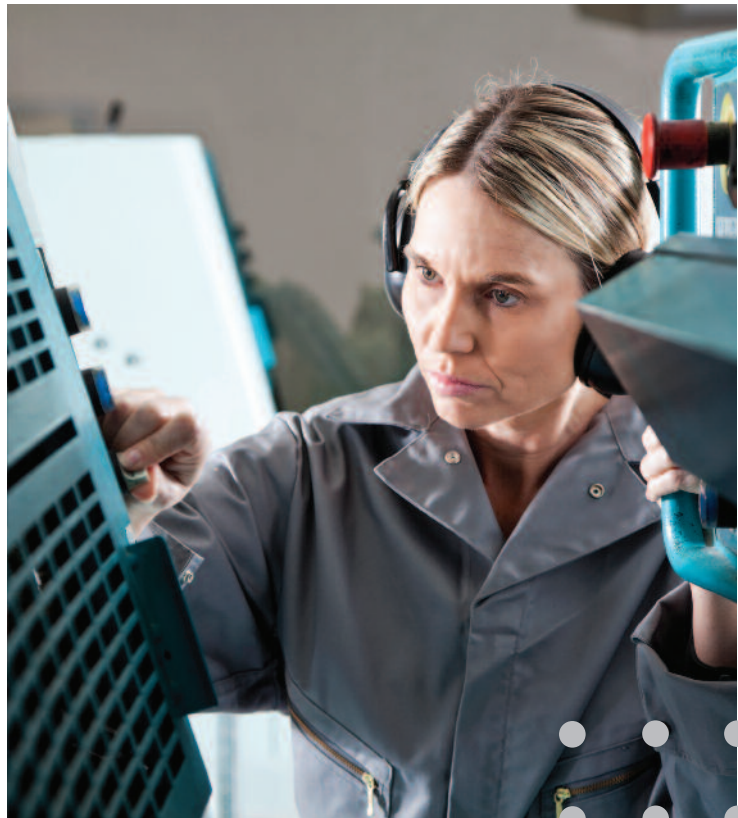


Solutions for banknotes and security printers

ValiMark® features are integrated into security or ordinary printing inks. They offer the convenience of on-site detection through the use of hand-held, simple-to-use optical detectors. Those features, formulated as microspheres or dyes, are luminescent but undetectable under UV or infrared. ValiMark® features are used at very low concentrations but feature high luminescence power and strong light fastness. ValiMark® applied to printing inks provides a highly secure solution, guaranteed by long time expertise and unique product source.

Add an expert covert level to your special effect inks

ValiMark® microspheres are ideally suited for enhancing security silk screen inks. These features can be rewardingly added to special effect pigment inks thus creating a dual security system in one print. On top of a color-shifting or iridescent product for instance, invisible polymeric or mineral microspheres add a covert security level to the overt features. Microspheres are available in several colors and sizes. They are included in security inks by most prominent manufacturers. The final ink delivered offers two security levels and is released ready to print.



Include hidden patterns in your offset prints

ValiMark® dyes fit discreetly into offset printing inks. The benefit here is to transform an ordinary offset pattern into a level 2 security system by creating a distinct and original color-shift under our pocket reader. This allows to seamlessly place security where it would be ordinarily least expected on a document or banknote.