

PRINTPERFEKT HYBRID

Merging of Digital and Conventional Printing



PRINTPERFEKT HYBRID

Hybrid printing aims to MERGE THE CAPABILITIES of analogue and DIGITAL PRINTING technology. It does this by integrating the reliability and efficiency of SCREEN PRINTING with the creative possibilities of digital printing. Using the benefits of both technologies, businesses get the high print quality and low cost of screen printing with the flexibility especially for small production runs of digital.

Our PRINTPERFEKT HYBRID system is developed as a complete system of different pastes for digital printing processes on carousels. Together with machine and ink manufacturers we optimized the process and the products to offer you a great integrated solution.

If you have questions, please **CONTACT US!** We gladly support you with our technical know-how and our experience.



PRINTPERFEKT HYBRID BASE

The BASE has a high degree of whiteness, which guarantees perfect coverage of coloured or dark backgrounds. The finished paste is ready to use immediately and forms the perfect base for the ink receptive layer.



PRINTPERFEKT HYBRID PRIMER

The PRIMER serves as the ink receptive layer. It improves the ink adhesion and prevents inks from bleeding, which leads to brilliant digital prints with sharp outlines.



PRINTPERFEKT HYBRID FINISH

We specifically developed a paste that is applied after digital printing. The FINISH improves surface smoothness, matte appearance, improved fastness and colour brilliance.

PROCESS



Fixation

Choice of substrates

Cotton, polyester and mixtures



Print

Application of PRINTPERFEKT HYBRID BASE

Screen: 180 - 200 mesh / 71 - 77 thr/cm Optional: Second layer for high opacity



Flash

Flash

Optional: Hot iron step to smoothen the surface



Primer

Application of PRINTPERFEKT HYBRID PRIMER

Screen: 110 - 180 mesh / 43 - 71 thr/cm

Optional: Flash for enhanced digital print sharpness



Print

Digital printing

Compatible with most digital inks which are available in the market Optional: Profiling to optimize colour management



Flash



Minimize time between digital print and flash to enhance print



Print

Application of PRINTPERFEKT HYBRID FINISH

Screen: 125 - 160 mesh / 49 - 62 thr/cm

Optional: Flash to reduce time in the tunnel dryer



Fixation 160 °C

Print Fixation

Depends on prior flashing conditions; tunnel dryer is recommend for 2 - 3 min

FURTHER INFORMATION









