

Pentajet® and Pentajet®Solvent



Pentajet® and Pentajet®Solvent – a complete product range of substrates for ink-jet printing

Due to the growing demand for small and customised printing orders, the graphic industry is increasingly applying digital printing technologies, amongst others ink-jet printing, which is mainly applied for medium and large size prints for indoor and outdoor applications, e.g. posters and banners.

Klöckner Pentaplast has developed Pentajet® and Pentajet®Solvent, an extensive product range of especially formulated films for water and solvent based as well as UV curing ink-jet printing systems.

Pentajet® films are especially coated printing films suitable for water based pigmented and dye inks. Pentajet® films offer a high stiffness and a high edge-tear resistance. The films offer an excellent reproduction of the print and high colour brilliance. The prints are wiping resistant.

Prints with pigmented inks are waterproof after a short drying time and are suitable for indoor and outdoor applications, as the pigmented inks and the film itself offer an outstanding resistance to UV light. Klöckner Pentaplast guarantees an outdoor suitability of 6 months for prints with pigmented inks without any additional protective lamination. Should an additional protection be required, kp recommends the application of cold lamination films.

In order to guarantee and optimised printing result, kp offers updated compatibility lists containing the most common ink-jet printing machinery.

The product range Pentajet®Solvent includes a complete range of opaque and translucent films with an increased impact strength which are suitable for indoor and outdoor applications, e.g. for the production of posters and banners. Pentajet®Solvent films are suitable for all current ink-jet printers processing solvent based and UV curing inks.

Pentajet® and Pentajet®Solvent films are available in 20 m reels in different thicknesses and standard widths from stock. Customised reels will be produced on demand.

KLÖCKNER PENTAPLAST GmbH & Co. KG
 P.O. Box 1165
 D-56401 Montabaur
 Tel. +49 2602 915-0
 Fax +49 2602 915-297
www.kpfilms.com
kpinfo@kpfilms.com