



# van Heek textiles

## PRINTING WITH OFFSET LITHO

When printing by offset litho on Printex, Imprimex and Reprotex we advise the use of offset inks developed for printing on non-absorbent substrates like synthetic materials. These inks are oxidative drying inks, to be used with as little water as possible. For Reprotex we advise you to use a multi dryer (2-5%). Our offset material is also suitable for waterless offset printing methods. Before printing, the material needs to acclimatize in the printing room for 24 hours in the original packaging. The output stack of the sheets should not be too high. As the ink dries by oxidation, this stack should be about one third of the standard height normally applied. The inks to print on synthetic materials differ from standard drying inks. Before printing, a number of test prints should be made to ascertain the optimum printing pressure and ink supply for this specific substrate. Should the coverage of the ink not be sufficient one can optimize this by increasing pressure or adding more ink. We advise to use soft blankets for better printing contact.

*Technical printing information in reference to the examples*

*showed on our collection card:*

*showed on the improved Printex sample:*

Machine:	Heidelberg SM 52	Heidelberg SM 52
Rubber blanket:	Perfect-Dot VP	DAY 3610
Dye:	K+E Novaboard C88	Novaplast BIO fc
Screen:	70	70 (175 lpi)

*Screen guidelines:*

When using oxidative drying inks for non absorbing substrates: maximum 70 lines/cm.

When using waterless offset inks: maximum 120 lines/cm.

In 2017 we introduced an improved Printex material with better layflatness and a more economical width with excellent print result. For more information regarding the current technical specifications we refer to our website: [www.vanheektextiles.com](http://www.vanheektextiles.com).

Would you like to receive a printed sample, please contact us at [info@vanheektextiles.nl](mailto:info@vanheektextiles.nl)