



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 to you use a multi dryer. 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 the to use soft blankets for better printing contact. Depending on the use of the offset print we advise to varnish the inks in order to preserve the durability of the inks.

Technical printing information in reference to the examples showed on our collection card:

Machine:	Heidelberger SM 52
Rubber blanket:	Perfect-Dot VP
Dye:	K+E Novaboard C88
Screen:	70

Screen guidelines:

When using oxidative drying inks for non absorbing substrates: maximum 70 lines/cm.
When using waterless offset inks: maximum 120 lines/cm.