

Processing, Storage and Handling

pretex® - Print Media for Durable Printed Products

Our impregnated special papers, synthetic fibre papers and nonwovens are easy to process as long as you are aware of a few differences compared with normal paper.

BEFORE PRINTING

Due to the nature of the process involved, our products contain less moisture than normal paper. Therefore, do not open the vapour-proof packaging until just before you are ready to start printing.

We recommend storing the packed reams and reels in the printing shop for at least 24 hours so they can adjust to the temperature. Please ensure that the climate inside the printing shop is correct. The optimum temperature is approximately 20°C at around 50 – 60% relative humidity. **Always ensure that any unprinted sheets are packaged so that they are protected from the prevailing climate.**

PRINTING

pretex® can be successfully processed using most conventional printing methods (except gravure printing) as well as various digital printing methods. For an overview of suitable printing methods, please visit www.neenah-lahnstein.de.

pretex® can be pre-printed using offset printing and then customised using digital printing (e.g. to produce menus or number bibs for sporting events).

pretex® can also have hand-written lettering applied to it.

Special papers and nonwovens may behave differently from normal paper in terms of static charging.

When printing onto pretex®, the running direction is important and must be observed.

Offset Printing

White pretex® grades can be printed with standard printing inks. Special film printing inks are not required.

For coloured pretex® grades, we recommend fast-drying inks, if necessary with the addition of a drying agent. Please take care to make only minimum use of damping solution in the machine.

Leading ink manufacturers are familiar with pretex® and can recommend suitable inks on request.

For pretex® grades that are to be further processed using laser printing techniques, we recommend laser-compatible inks for offset printing.

Digital Printing

White pretex® grades are suitable for various toner-based digital printing methods and have already been successfully tested by XEIKON and NexPress.

Empirical results from various applications demonstrate that the white pretex® grades 50.xxx (double coated on both sides) are easy to print unprimed using HP Indigo technology.

The uncoated pretex® copy + laser grades 30.xxx have been specially developed for use with copy machines and laser printers. The coated varieties are also suitable for various machines.

A list of empirical reports involving different types of machines is available at www.neenah-lahnstein.de.

Please test duplex printing applications on a case-by-case basis.

STORAGE

pretex® retains its colour considerably longer than normal paper, but should still be packaged to protect it from light if being stored for long periods. **Always ensure that any unprinted sheets are packaged so that they are protected from the prevailing climate.**

FURTHER PROCESSING

Varnishing (water and oil-based), folding (the first fold should be made in accordance with the running direction), perforating, punching (except crown/star hole punching), creasing, grooving, drilling, gluing, sewing, eye-letting, embossing (e.g. blind or hot film embossing).

For detailed product information and reference sources, please visit www.lahnpaper.de.

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