

Processing, Storage and Handling

neobond® - 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 packed so that they are protected from the prevailing climate.**

PRINTING

neobond® 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.

neobond® 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 neobond®, the running direction only plays a minor role.

Offset Printing

We recommend that you always use fast-drying inks with neobond®. Please take care to make only minimum use of damping solution in the machine.

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

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

Digital Printing

neobond® can be successfully printed using a large number of toner-based methods. Positive empirical results have already been obtained when printing unprimed white neobond® grades using HP Indigo technology. No certifications are available.

neobond® is easy to process on a large number of copy machines and laser printers.

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

neobond® 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; due to the product's composition, embossing is less durable with neobond® than with pretex®).

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

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The information contained in this document is based on our knowledge and practical experience. Due to the variety of possible influences during processing and use, we recommend that customers carry out their own trials to test our products. We reserve the right to make changes due to technical progress or internal development. A legally binding guarantee of certain properties cannot be derived from the statements in this document.