
**PORTFOLIO FOR DIGITAL
PRINTING APPLICATIONS
IN REELS**

OUR PRODUCT PORTFOLIO

QUALITY FOR UNIQUE DIGITAL PRINTING RESULTS

Lahnpaper stands for innovation and quality in the production of special papers and substrates for digital printing applications. Our portfolio includes versatile products for digital printing technologies, including tailored conversion for the customer. Our expertise and state-of-the-art technology allows us to support our customers' positioning in their markets with innovative and customised solutions.

HIGH-QUALITY PRODUCTS

FOR INDIVIDUAL PRINTING APPLICATIONS

varitess®

STABLE NON-WOVENS

Thanks to technological characteristics, varitess® products are ideally suited for high-quality wallcoverings and industrial applications. In the production of our wetlaid non-wovens high purity cellulose and synthetic fibres are used. The raw non-wovens are further processed using a selection of impregnation and coating formulas tailored to each of the products according to application requirement, hence changing the physical properties of each end product. Additionally pure non-wovens can be smoothed and/or coated to provide special surface properties.

cuturon®

SOFT NON-WOVENS

High-quality versatile non-wovens; the practical alternative for high-performance applications i.e. protective clothing, labcoats, food packaging or even production labels in the manufacturing plants for steel. cuturon® non-wovens are produced from pulps and synthetic fibres using the wetlaid process, and then impregnated.

pretex®

IMPREGNATED SPECIAL PAPERS

Ideal for special applications where normal paper is simply not robust enough: for example, should the product come into contact with moisture. We use selected pulps and synthetic fibres (polyamide and polyester) in the manufacturing process. A special impregnation gives the paper the required strengths.

PROPERTIES

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| <ul style="list-style-type: none">• high strength (wet and dry)• extremely stable• easy processing / handling• high temperature resistance• good ageing resistance• 100% fibreglass free• lightfast• water vapour | <ul style="list-style-type: none">• textile feel• good printability• high dimensional strengths• air and moisture permeable• high temperature resistance• water resistant• resistant to many chemicals and solvents• washable and suitable for dry cleaning (cuturon® soft)• extremely high edge tear strength (cuturon® xtreme) | <ul style="list-style-type: none">• waterproof• high dimensional strengths• good lightfastness and colour reproduction• high mechanical resistance (wet and dry)• very good resistance to ageing• high temperature resistance• chemical and solvent resistant |
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APPLICATIONS

- | | | |
|---|---|---|
| <ul style="list-style-type: none">• digitally printed wallpapers• digitally printed self-adhesive wallpapers• shopfitting and stage construction• wall tattoos | <ul style="list-style-type: none">• decorative and unique packaging• protective packaging• race numbers• labels for home textiles, mattresses, carpets, plants• flags and pennants• posters, banners / POS items | <ul style="list-style-type: none">• maps, posters and wall charts• technical documentation• race numbers• outdoor charts, posters, large-format advertising• pennants, carrier bags, brochures and envelopes• labels and tags• menus and place mats |
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LAHNPAPER PORTFOLIO FOR WALLCOVERING APPLICATIONS

PRODUCT	GRAMMAGE	FINISHING STAGES				PRINTING TECHNOLOGY			
		impregnated	calendered	coated	calendered	Xeikon	Latex	UV inkjet	water-based inkjet
varitess® 290.150	150 g/m ²	x	x	x	x	x	x	x	
varitess® 621.150	150 g/m ²	x	x				x	x	
varitess® 651.170 self-adhesive	170 g/m ² *	x	x				x	x	
varitess® 653.175 self-adhesive	175 g/m ² *	x	x			x	x	x	
varitess® 652.190 self-adhesive	190 g/m ² *	x	x			x	x	x	
varitess® 623.155	155 g/m ²	x	x			x	x	x	
varitess® 633.155	155 g/m ²	x				x		x	
varitess® 938.150	150 g/m ²	x					x	x	
varitess® 976.205	205 g/m ²	x	x	x	x		x	x	

*Grammage incl. glue

LAHNPAPER PORTFOLIO FOR PRINT APPLICATIONS

PRODUCT	GRAMMAGE	FINISHING STAGES				PRINTING TECHNOLOGY			
		impregnated	calendered	coated	calendered	Xeikon	Latex	UV inkjet	water-based inkjet
cuturon® 480.170 xtreme	170 g/m ²	x	x			x		x	
cuturon® 490.115 soft	115 g/m ²	x	x			x		x	
pretex® 40.150 inkjet	150 g/m ²	x	x	x			x	x	x
pretex® 50.120	120 g/m ²	x	x	x	x		x	x	
pretex® 50.150	150 g/m ²	x	x	x	x		x	x	

HAVE YOU FOUND SOMETHING INTERESTING? WE WOULD BE HAPPY TO ADVISE YOU!

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The mark of
responsible forestry