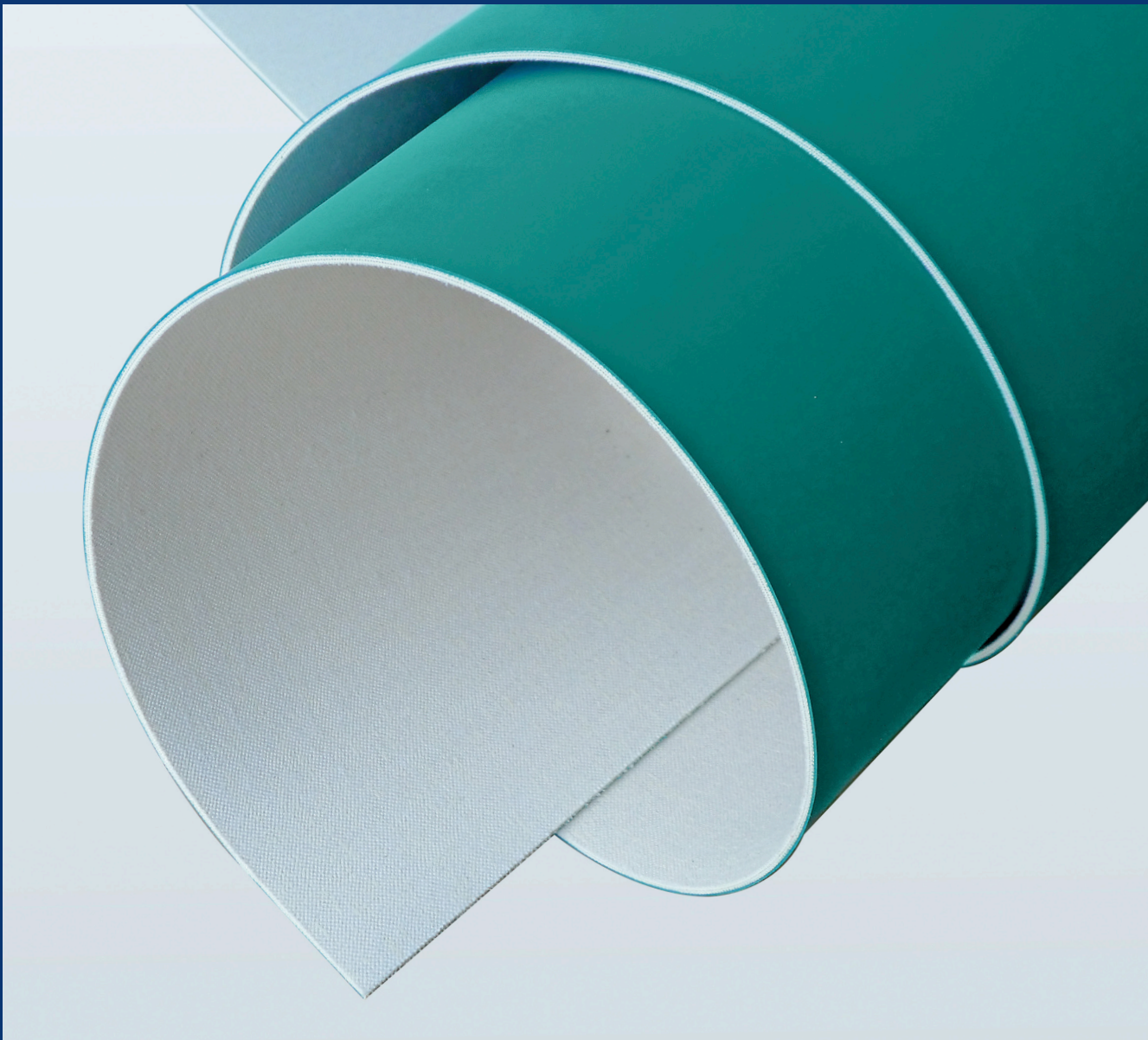


KOENIG & BAUER

MasterSECURE

The new printing blanket
for highest requirements



we're on it.

EN

The result of years of experience



MasterSECURE is the quintessence of our experience in modern banknote printing. This printing blanket masters a wide range of challenges and has been universally developed for Simultan printing and Super Orlof Intaglio.

The construction of the printing blanket is based on a conventional, non-compressible and thus pressure-resistant base layer. Best quality cotton yarns are used, woven according to strict specifications to ensure perfect carcass stability.

Wide range of applications

The surface consists of a carefully formulated blend of NBR polymers and additives. It offers excellent ink transfer as well as impeccable print quality with clean lines and sharp microtext. In addition, excellent quick-release properties of the surface allow it to be used on a wide range of substrates, including polymers.

Thanks to its hydrophilic surface rubber, the printing blanket is just as perfectly suited to alcohol-reduced or alcohol-free applications as it is to dry offset and wet offset combination techniques. Last but not least, MasterSECURE is also ideal for the collecting cylinder for Super Orlof Intaglio presses.

Advantages

- Sharp and uniform print quality
- Excellent ink transfer
- Hydrophilic surface rubber
- Excellent quick-release effect
- Outstanding durability



MasterSECURE at a glance

Fields of application

- Super Simultan – blanket cylinder
- Super Orlof Intaglio – collecting cylinder

Optimized for

- Dry and wet offset
- Conventional inks
- Alcohol-reduced/alcohol-free dampening solutions
- Intaglio inks

Substrate classes

- Cotton
- Polymer
- Hybrid

Technical data

| | |
|------------------------|------------------------------|
| Designation | MasterSECURE |
| Construction | 3-ply, conventional |
| Color | Green |
| Surface structure | Ground |
| Surface roughness | Fine |
| Micro hardness blanket | 54° Shore A |
| Compressibility | Non-compressible |
| Tensile strength | >300 N (500 x 50 mm) |
| Elongation | <2% / at 500 N / 500 x 50 mm |
| Nominal thickness | 1.7 mm ± 0.02 mm |

Attention: Please note that this is a non-compressible blanket. Check your print settings on the machine when using the new blanket.

Koenig & Bauer Banknote Solutions

Avenue du Grey 55, CH-1018 Lausanne
PO Box 181, CH-1000 Lausanne 18
Switzerland

T +41 21 345 70 00
info-bns@koenig-bauer.com

banknote-solutions.koenig-bauer.com

Texts and illustrations refer in part to special features not included in the basic press price. No parts of this publication may be reproduced in any way without the manufacturer's permission. The manufacturer reserves the right to carry out modifications without prior notice.