



STRATAPRESS B SX PRESS FABRIC

**Triple-layer, single-base felt
for board and packaging**

OVERVIEW

Board and packaging producers need superior water handling, stable runnability, reduced energy consumption and fast start-up. The optimal press felt plays a huge role in achieving these results. ANDRITZ's StrataPress® B SX press fabric answers the call, setting new standards for board and packaging.

StrataPress B SX is a fully woven, triple-layer press felt with patented seam technology. The single structure has as much void as competitive four-layer designs to optimize water handling and nip characteristics. The woven base layer offers greater pressure support to improve profiles and sheet consistency, while helping to extend fabric life.

In addition to the innovative base, ANDRITZ engineers have reimagined the seam loop design for the StrataPress B SX. The triple-layer seam has uniform loops that result in fast, safe installation, while superior seam reinforcement means fewer breaks and virtually no seam mark.

ANDRITZ

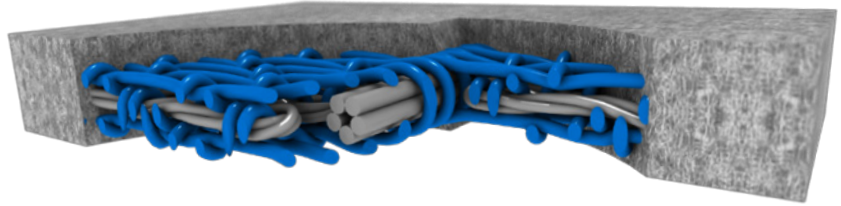
Press felt base design and seam loop reimagined

BASE CONSTRUCTION

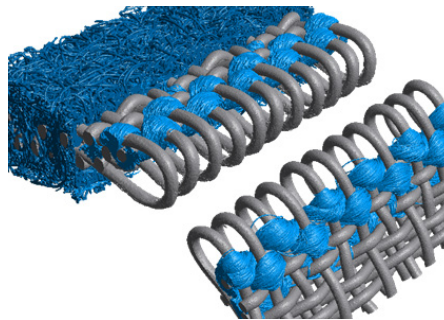
Rather than attaching a traditional membrane or non-woven layer to the base felt, ANDRITZ weaves the weft yarn right into the base of the StrataPress B SX. The weft yarn in the middle of the base is customizable for each application to achieve optimal water handling. The fabric offers improved compressibility with minimal densification. The result is maximum water removal from the sheet – leading to energy savings and speed improvements for board and packaging producers.

INTRAWOVEN LOOP DESIGN

The StrataPress B SX's patented loop is intrawoven into the base of the fabric, eliminating the need to cut a secondary base fabric at the seam flap. Furthermore, the B SX incorporates Leno seam reinforcement, resulting in uniform loop spacing and improved batt fiber anchorage for added seam integrity. The thoughtful seam design makes for easier seaming, no seam marking, more void volume and improved sheet quality.



Patented triple-layer, single-base construction with middle-layer plied yarn



Seam with improved batt fiber anchorage

APPLICATIONS

- Pickups
- Shoe presses
- Tandem positions
- 3rd presses
- Double felted nips

BENEFITS

- Improved water removal and runnability
- Increased reel speed by 100 fpm
- Reduced downtime due to breaks by 20%
- Increased production by 3%
- Reduced annual energy cost by \$650,000
- Increased felt life by 7 days
- No blowing or crushing
- Stable performance until end of life
- Break-in time cut by half

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