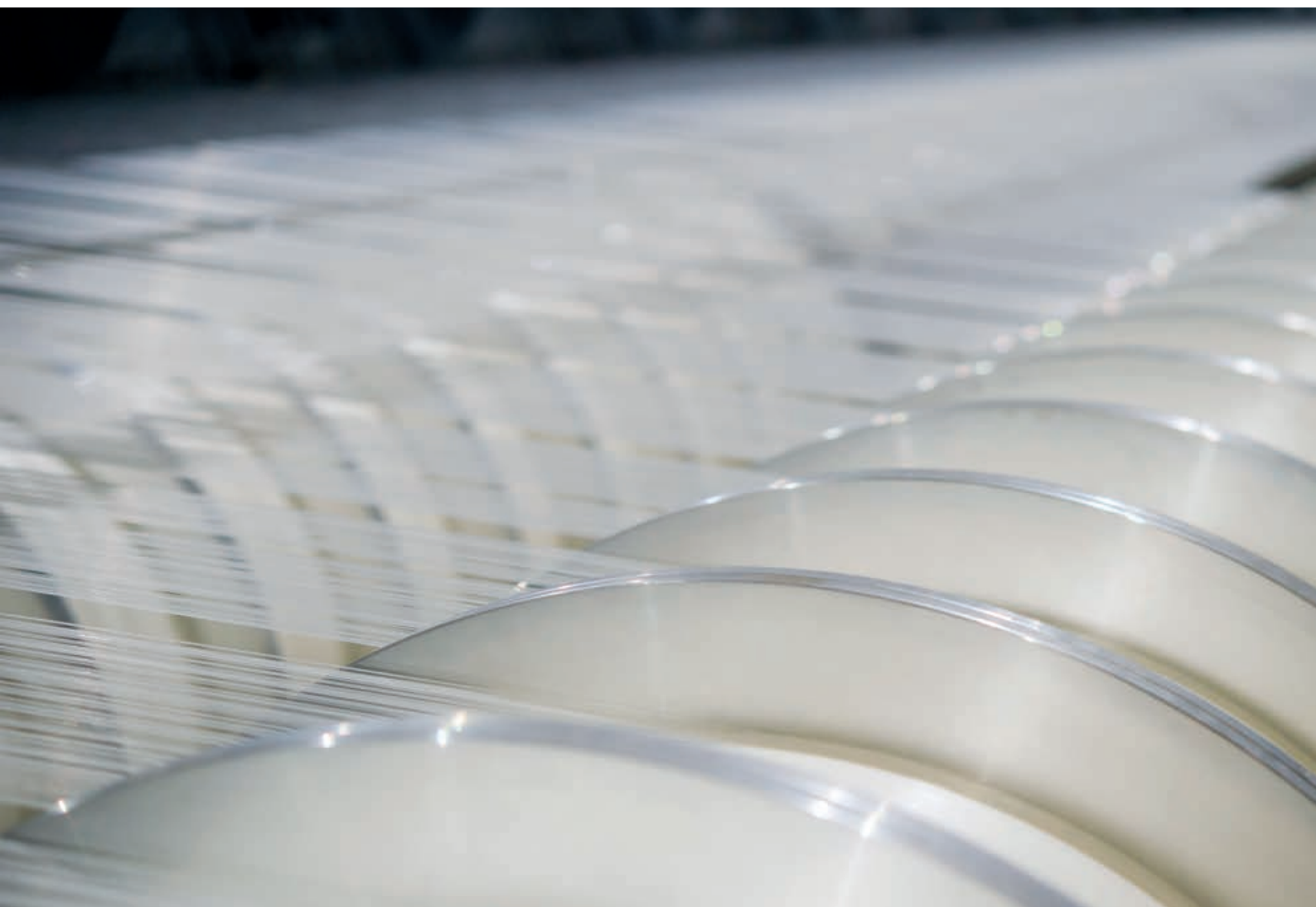


**Everything is possible**  
**Infinity Press Fabrics**





# Highly durable press fabrics for steady-state operation

## The Infinity Family

Infinity press fabrics have an especially uniform, high-quality base fabric that results in a laminated structure with the ability to maintain void volume throughout operation. Infinity is the best choice for your paper machine.

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### Benefits

- + Steady performance over life time, reliable outputs
  - + Increased fiber anchorage
  - + Opportunity for optimized nip dewatering
  - + Reduces fiber loss even at the end of the felt life
  - + Part of AdvancedPRODUCTS
-



All Infinity press fabrics are available with our PeakElement technology



Our Infinity press fabrics family is part of our AdvancedPRODUCTS

**Fast installation: Engineered seam zone**

Infinity products can be ordered with or without a seam. The Infinity seam loops are perfectly formed with identical loop length roundness and spacing.

**Better sheet quality: Pressure uniformity**

The base offers a high degree of contact points and base uniformity.

**Clean run: High compressibility**

The Infinity base interaction allows for high compressibility and resiliency to improve dewatering and keep the fabric clean.

**Perfect fit: Extraordinary width stability**

Due to the manufacturing process the base fabric provides excellent in-plane stability.

**Quick start-up & steady state operation:**

Desired machine speeds are reached faster due to the laminated structure of the fabric.

**New cabled yarn:**

Due to this new material and technology, the fiber anchorage will be highly improved. It can be used as seam and endless and has the most efficient twist level in the base fabric with mono loops in the engineered seam area.

**Infinity product range**



**FineLine**

**Infinity**

**ToughLine**

Infinity FineLine 2 Infinity FineLine 2S	<b>2 &amp; 2S</b>	Infinity ToughLine 2 Infinity ToughLine 2S
Infinity FineLine 3 Infinity FineLine 3S	<b>3 &amp; 3S</b>	Infinity ToughLine 3 Infinity ToughLine 3S
Infinity FineLine 4 Infinity FineLine 4S	<b>4 &amp; 4S</b>	Infinity ToughLine 4 Infinity ToughLine 4S
Infinity FineLine Res Infinity FineLine Res S	<b>Res &amp; Res S</b>	Infinity ToughLine Res Infinity ToughLine Res S
Infinity FineLine Advance Infinity FineLine Advance S	<b>Advance &amp; Advance S</b>	Infinity ToughLine Advance Infinity ToughLine Advance S



## ToughLine

### **Our Infinity family is steadily growing**

Designed especially for most challenging applications, our Infinity ToughLine can withstand the most extreme conditions. It offers the void volume the customer needs for the toughest paper machine environments. The press fabric can be supplied as an endless or a seamed design. Ours is the most advanced seam concept on the market, with extremely uniform loops that are more open, making installations easier and faster than ever before. ToughLine is available for all Infinity fabrics and creates excellent compressibility resistance through its laminated structure. In conclusion, Infinity ToughLine delivers a reliable outcome throughout the fabric lifetime.

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### **Infinity ToughLine**

**Withstand the most extreme conditions**





## FineLine

### Superior seamability

Infinity FineLine has the finest loop size on the market and simultaneously offers superior seamability. It gives the possibility to use seamed products even in sensitive paper grades and leaves near to no marks. Due to the reduced yarn diameter the press felt becomes more energy efficient.

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### Infinity FineLine

The finest seam on the market





**“Our Infinity family offers  
the best press fabrics  
product portfolio for your  
paper machine needs!”**

Anne Klaschka  
Global Product Manager, Press Section Fabrics

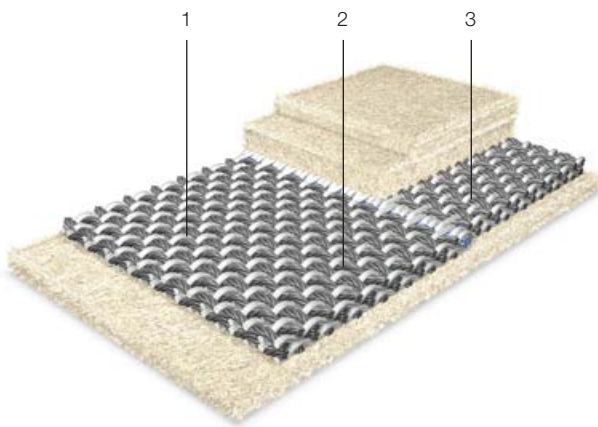
## Infinity 2 & 2S

### Dynamic press fabric for fast start-up

Quick installation, short break-in times and maintained drainage are the key to reach production goals. The Infinity 2 & 2S is the best press fabric for all press sections including straight through, cluster or shoe presses to reach production and quality goals at the same time.

Records are set in the press section!

#### Construction



- 1 Fast start-up     The two layer compressible, resilient laminated bases provide fast fabric saturation
- 2 Dryness         Base uniformity maintains sheet characteristics and more contact points improve drying
- 3 Easy seaming    Seam loop spacing and shape allow quick installation and time savings in the range of 25%

**Paper grades**     graphics: coated, uncoated board, packaging tissue, bathroom, towel

**Applications**    all press positions

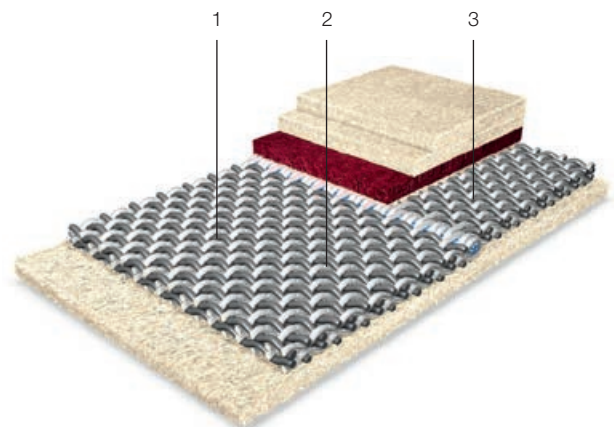
## Infinity 3 & 3S

### Great dewatering and sheet smoothness

The special talent of the Infinity 3 & 3S is to adjust to the water handling needs of each application while maintaining optimum sheet contact.

The adaptable Vector layer gives fast start-up and a clean run. As with all of the Infinity Series it is easy to seam and a fast installation is guaranteed.

#### Construction



- 1 Performance    The three layer laminated modular structure for high, medium & low water volumes
- 2 Better paper    Tailored Vector top layer for uniform nip pressure, improved moisture profiles and better paper quality
- 3 Easy seaming    Seam loop spacing and shape allow quick installation and time savings in the range of 25%

**Paper grades**     linerboard corrugating medium boxboard coated and uncoated freesheet

**Applications**    all press positions

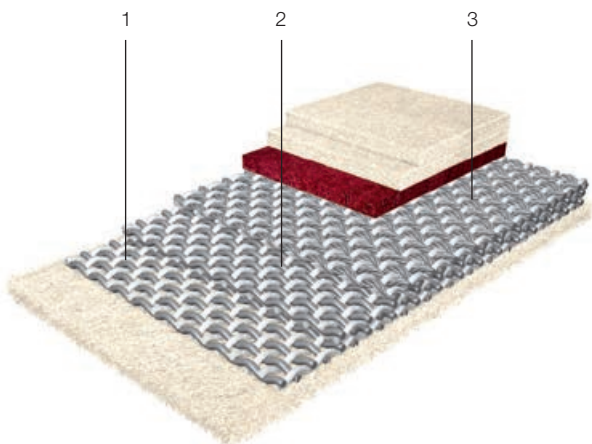


# Infinity 4 & 4S

## Built for challenges

The Infinity 4 & 4S can play a major role in your press section. This 4 layer modular composition of the Infinity family is at home in the rough conditions of any paper mill press section to defend paper quality and paper machine efficiency. A very sturdy felt that is consistent over lifetime and focused on results giving highest water removal volume and targeted performance at any speed range.

### Construction



- 1 Dewatering The laminated modular structure resists compaction for maintained drainage
- 2 Versatility Tailored bases can be finetuned for smoothness needs
- 3 Durability Laminated structure is extremely durable for high load positions

**Paper grades** graphics: coated, uncoated board, packaging pulp

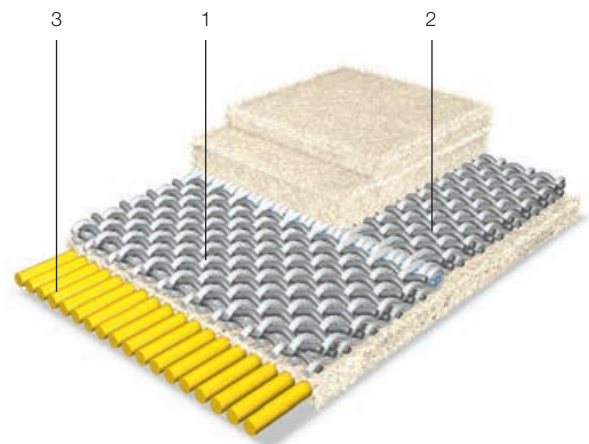
**Applications** shoe press, jumbo press, LNP press

# Infinity Res & Res S

## Extraordinary width stability

The ability of the Infinity Res & Res S runs in a variety of press sections providing a wide operating window on water removal levels and press load options. The specially developed high-tech Res layer delivers outstanding resiliency, providing the press section a smooth and efficient run. Key benefits are high compressibility, resilience and vibration resistance to improve dewatering and keep the fabric clean.

### Construction



- 1 Dewatering Due to its modular design the fabric reaches saturation in the mid nip which allows for increased drying
- 2 Versatility The ability to maintain void volume eliminates the chance for crushing and allows for increased life up to 34%
- 3 Durability High-tech Res layer has outstanding resiliency providing the press section smooth and efficient run. Vibration reduction in the range of 50% is possible

**Paper grades** CFS, UCFS, LWC, MWC, SC containerboard

**Applications** all positions prone to vibrations LNP press

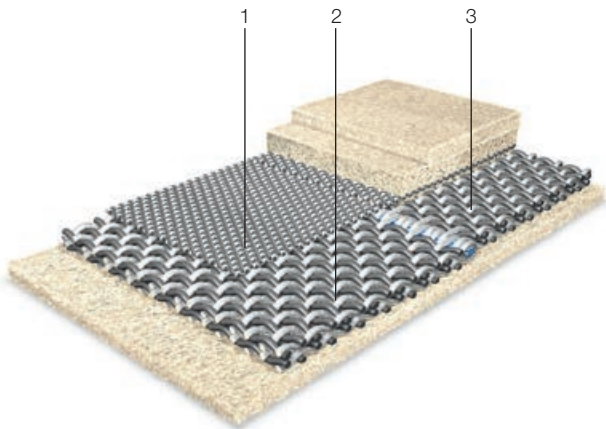
# Infinity Advance & Advance S

## Controlled dewatering

Infinity Advance manages dewatering and sheet quality in your process. Controlled dewatering in the press section can increase your dryness after press for more than 1% and save a lot of dryer energy.

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### Construction



- |                |   |
|----------------|---|
| 1 Dewatering   | The fine top base combined with the rigid bottom base provides consistent uhle box dewatering |
| 2 Performance  | High pressure uniformity gives higher water removal from the sheet                            |
| 3 Easy Seaming | Seam loop spacing and shape allow quick installation  |

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<b>Paper grades</b>	CFS, UCFS corrugating medium foodboard, boxboard
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<b>Applications</b>	shoe press / LNP press / tandem press
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# The Infinity Family

All Infinity press fabrics are available as Infinity ToughLine, Infinity and Infinity FineLine.

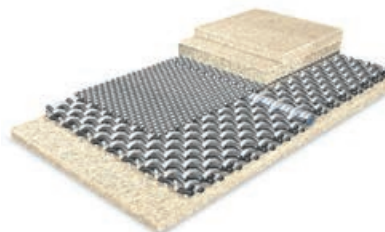
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Infinity 2 & 2S Dynamic press fabric for fast start-up



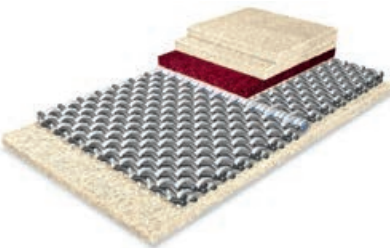
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Infinity Advance & Advance S Controlled dewatering



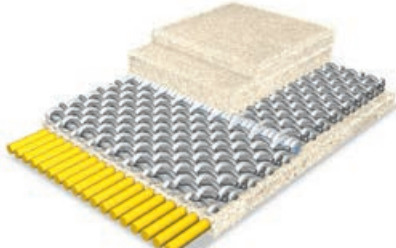
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Infinity 3 & 3S Great dewatering and sheet smoothness



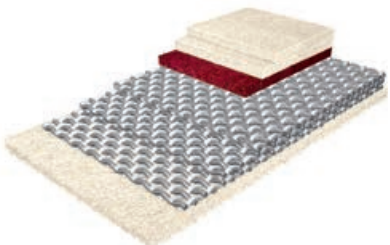
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Infinity Res & Res S Extraordinary width stability



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Infinity 4 & 4S Built for challenges



Voith Paper GmbH & Co. KG  
St. Poeltener Str. 43  
89522 Heidenheim, Germany  
Tel. +49 7321 37-0

[paper@voith.com](mailto:paper@voith.com)  
[www.voith.com/paper](http://www.voith.com/paper)



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for Generations