

CleanWeave dryer fabrics



VOITH
Engineered Reliability

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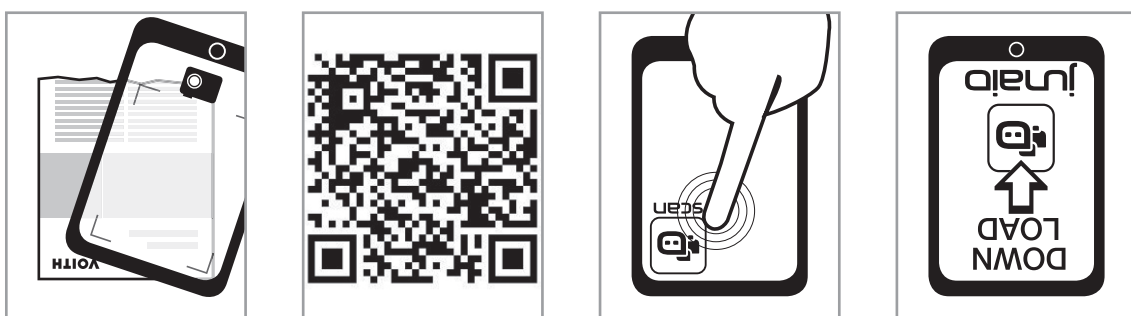
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This is how Augmented Reality works

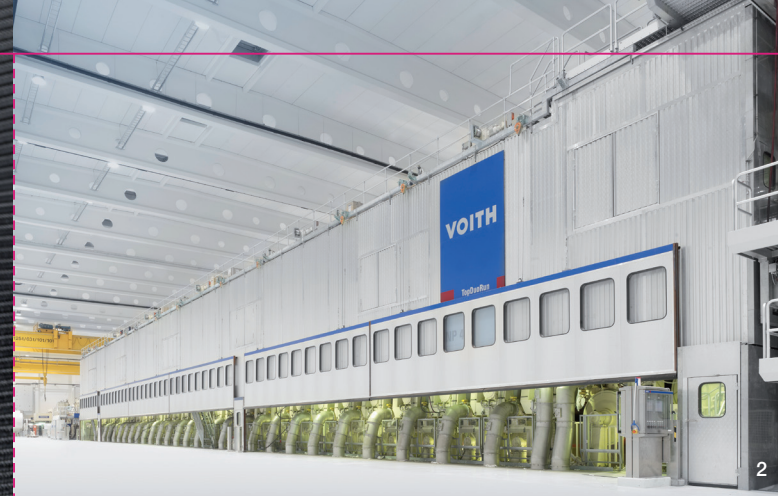
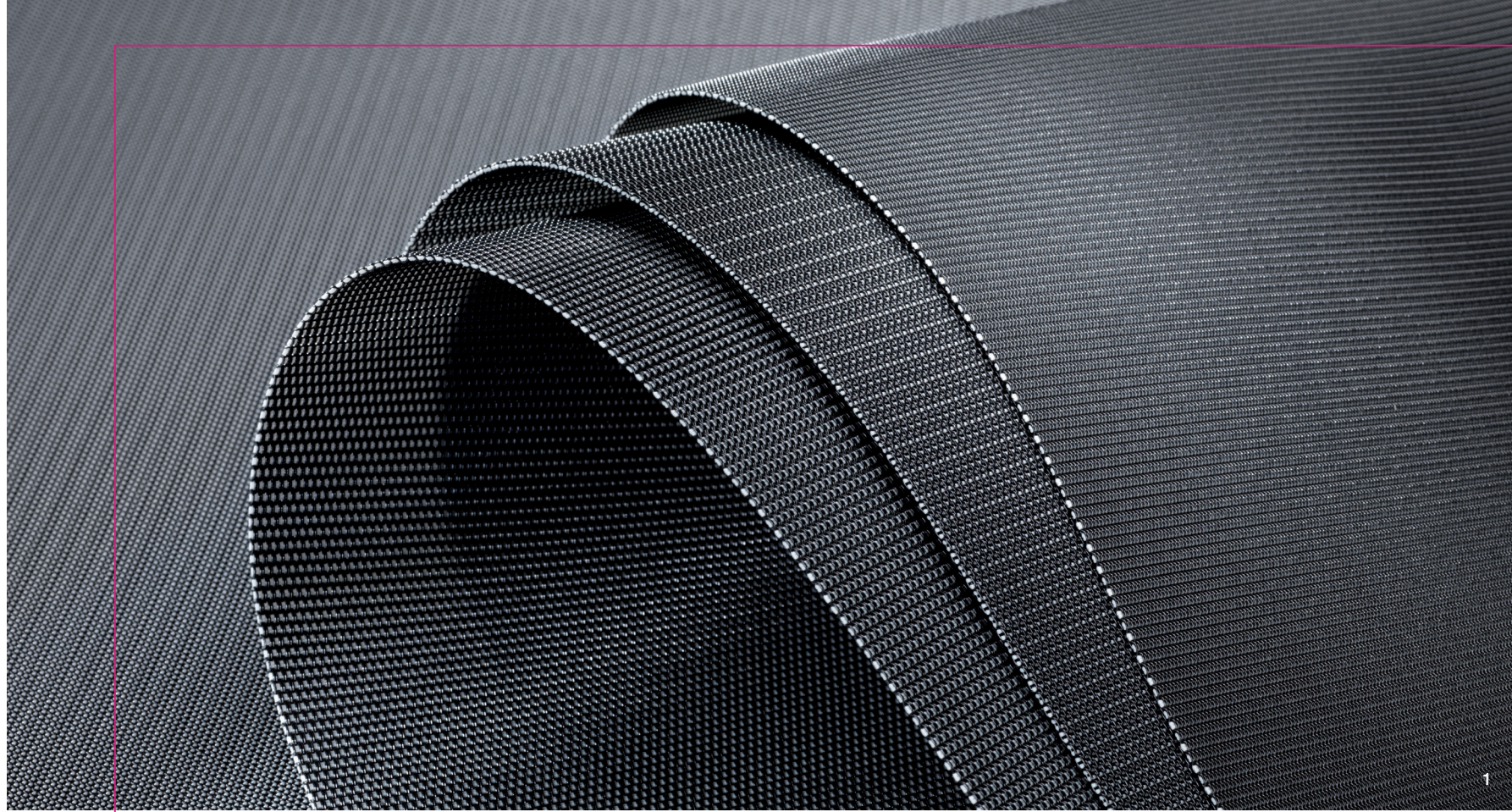


1. Installing
Download the free Juraio app to your smartphone or tablet (iOS or Android).

2. Scanning
Press the "scan" button.

3. Selecting channel
Scan the QR code pictured above to access the Voith Channel.

4. Be amazed
Scan the pictures with the Juraio icon – you'll be amazed at what will happen!



- 1 New Voith dryer fabrics product range for higher drying efficiency
- 2 Dryer fabrics need to resist the extreme conditions in the dryer sections of paper machines
- 3 Scientists investigating the yarn material properties in the laboratories of Voith

CleanWeave – Improving drying efficiency

To reach better results in drying efficiency, Voith has developed CleanWeave, a new product range of dryer fabrics. Voith dryer fabrics are characterized by strength, durability and hydrolysis resistance throughout the whole fabric life. CleanWeave dryer fabrics are designed to minimize the build-up of contamination within the fabric structure and to manage the extreme conditions found in a dryer section.

Strong even under challenging conditions

Many of these characterizations are also attributed to rocks. Similar to CleanWeave dryer fabrics, rocks and minerals need to survive in extreme conditions. This often requires the highest temperature resistance, strength and an ability to maintain porosity. The durability and performance of each dryer fabric and rock is a direct expression of their structure and composition of single elements.

Improved yarn material for advanced dryer fabrics

Heat, moisture and the applied pressure in the dryer section are real challenges for standard yarn material. Voith SynStron material uses a unique material composition that gives Voith dryer fabrics superior tensile strength as well as higher abrasion and fibrillation resistance. As a result, Voith dryer fabrics are able to withstand the challenging environment in the dryer section and improve drying efficiency.

Comparison of yarn material properties

