

# Tissue Forming Fabrics

## Excellence in Tissue Production





## Excellence in TissueForm.

Voith Paper Fabric & Roll Systems provides advanced products, services and solutions to improve the productivity, running costs and quality in Tissue production.

### **TissueForm Forming Fabrics**

The correct choice of forming fabric is important in achieving target paper quality and good machine runability. The TissueForm product portfolio provides a comprehensive range of options designed to match and exceed your requirements and expectations.



### **TissueForm ITY**

#### **Operational Excellence**

The TissueForm ITY forming fabric combines a very fine 2 shed paper side with a coarse 4 shed wear side to maximize stability while providing rapid drainage and high sheet support.

This SSB design ensures the highest level of paper quality and optimizes the runability of your tissue machine.

#### **TissueForm ITY Advantages**

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- + High fiber support
- + Optimum drainage
- + Increased stability and stiffness
- + Reduction in refiner energy usage
- + Higher mechanical retention




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TissueForm ITY

### **TissueForm V**

#### **The Next Generation**

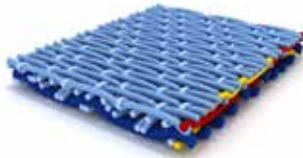
The TissueForm V incorporates a series of warp exchange triple layers. The warp exchange technology offers low caliper with enhanced surface support and dewatering.

The unique combination of high fiber support, increased drainage capacity and excellent stability, makes the TissueForm V fabric the ideal solution for the world's most demanding tissue machines.

#### **TissueForm V Advantages**

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- + Low risk of delamination
- + The finest forming surface of any woven structure
- + Straight through drainage for better dewatering and cleanability
- + Improved stability




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TissueForm V

### **TissueForm E**

#### **Proven Performance**

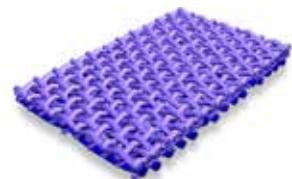
The TissueForm E represents a range of warp bound triple layer designs. The fabric construction combines a fine paper making surface, robust machine side and reduced caliper.

TissueForm E fabrics offer versatility; providing good fiber support and durability with fast drainage. They are proven across a range of machines, speeds and grades.

#### **TissueForm E Advantages**





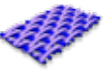


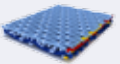




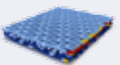
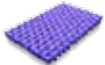



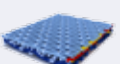



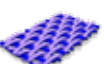






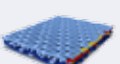


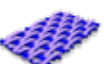


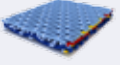



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- + Industry fine tissue making surface
- + Robust machine side
- + Fast drainage



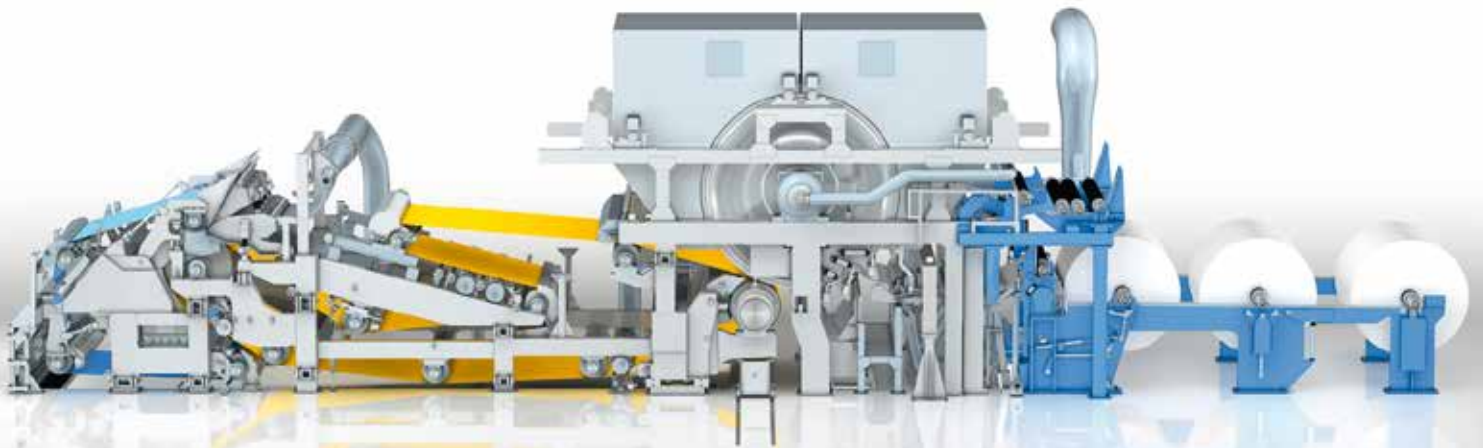

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TissueForm E

		TissueForm					
Machine Type		ITY	V	E	GT	GP	S
Fourdrinier							
Suction Breast Roll (SBR)							
C-Wrap Inner							
C-Wrap Outer							
S-Wrap Inner							
S-Wrap Outer							
Crescent Former							

 Voith recommended fabric by position

\*Application Guide based on recommended forming fabric use. TissueForm fabrics can be tailored to fit a variety of machine applications.





### **TissueForm GT**

#### **Improved Sheet Quality**

The TissueForm GT is a fine 2.5 layer design with a CD oriented surface.

The increased fiber support provides improved performance compared to other 2.5 layer designs. This is combined with good drainage characteristics and low void volume.

### **TissueForm GP**

#### **Running Reliability**

The TissueForm GP embodies an 8-shed, 2.5 layer structure, providing a good combination of drainage, sheet support and durability.

The additional paperside yarns ensure improved fiber support, while the machine side is engineered for good wear resistance.

### **TissueForm S**

#### **A Trusted Solution**

The TissueForm S is an established 5-shed, single layer design. It can be run CD floats down for improved life or CD floats up for improved fiber support.

This design provides fast drainage, good fiber support and ease of cleaning.

#### **TissueForm GT Advantages**

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- + Enhanced sheet support
- + Good cleanability
- + Low water carrying

#### **TissueForm GP Advantages**

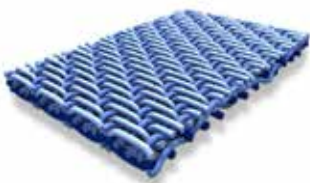
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- + Good fiber support
- + Increased drainage
- + Improved stability and wear potential

#### **TissueForm S Advantages**

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- + Good drainage
- + Ease of cleaning
- + Low void volume



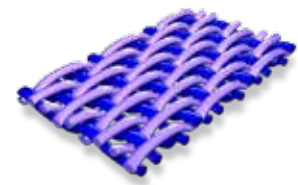
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TissueForm GT



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TissueForm GP



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TissueForm S

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# VOITH

Engineered Reliability