Voith Paper Fabric & Roll Systems provide advanced products, services and solutions to improve productivity, running costs and quality of Tissue machines.

The Next Generation in Tissue Machine Performance

TissueForm V consists of a series of warp exchange triple layer products especially designed to provide the unique combination of high fiber support, high drainage, and excellent stability which is a necessity for high speed Tissue machines.

With this innovative technology, fabric delamination will be eliminated and cleanability is improved. Fabrics using this technique are much thinner than conventional triple layer designs, thus promoting fast dewatering and low energy usage.
The Tissueform V product portfolio is designed to provide a comprehensive range of options capable of producing excellent performance on a variety of Tissue machine applications.

Crescent Former
The TissueForm V used as a forming fabric on a Crescent Former is:
• Providing straight through drainage
• Keeping its width stability at highest speeds
• Giving excellent fiber support
• Easy to clean

C-Wrap
The TissueForm V applied on a C-Wrap is:
• Providing excellent drainage in a very short time
• A width-stable fabric that contributes to paper quality
• Easy to clean

Suction Breast Roll (SBR)
The TissueForm V in combination with the Suction Breast Roll (SBR) results in:
• Excellent drainage at the shortest draining distance
• Superior paper quality due to high fiber support though the fabric is very thin
• Low caliper that reduces the chance of sheet re-wet
• Easy to clean

Quality
Forming fabrics make a significant contribution to obtaining the target paper quality. The TissueForm V concept provides the capability of achieving this goal.

TissueForm V performance provides:
• Good formation due to the high FSI values
• Improved sheet smoothness due to the unique warp exchange technology
• Long paper side floats for optimal MD:CD tensile ratio
• High stability for good sheet formation and profiles

Runnability
Forming fabrics play an important role in achieving the best paper machine runnability. TissueForm V optimizes fabric properties by combining a fine paper side and robust high-shed machine side.

The TissueForm V contributes to high runnability with:
• Thinner than conventional triple layer designs reducing water and fiber carry
• Straight through drainage channels for improved drainage and ease of cleaning
• An open machine side structure for fast drainage
• High stability for good sheet formation and profiles

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TissueForm V paper side

TissueForm V machine side