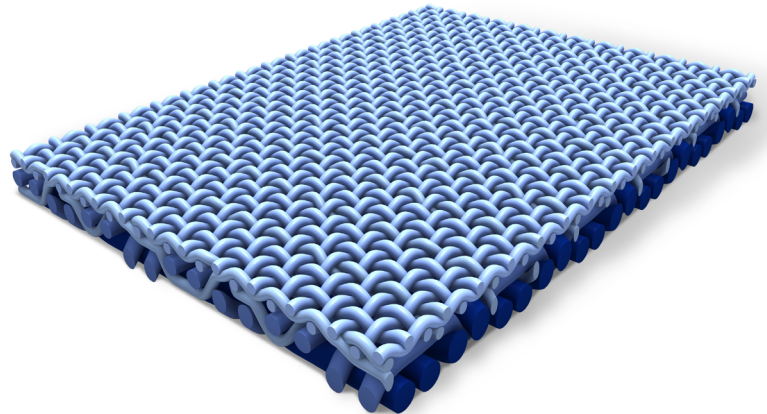


# MultiForm ICW

## Case Study: Forming fabric upgrade leads to increased production and fabric life



### Summary

The operator of a large corrugated medium machine in the southern U.S. was unhappy with the fabric life provided by its incumbent supplier, whose triple-layer design was limited to 120-130 days of life due to furnish (recycled and semi-chemical) and roll/table element conditions. Fabric drainage was also limited, resulting in an unstable wet line with swings in furnish quality.

### Solution

After reviewing the performance data of the competitor's fabric and weighing the customer's needs, Voith recommended MultiForm ICW. As part of the MultiForm line, ICW offers both excellent life potential and dewatering capacity, so it was perfectly suited for installation at this mill.

### Details

As with the full family of MultiForm I products, MultiForm ICW delivers superior performance, with documented benefits including increased production, reduced fiber usage, reduced drive loads and exceptional fabric life. These benefits are possible because of ICW's unique features:

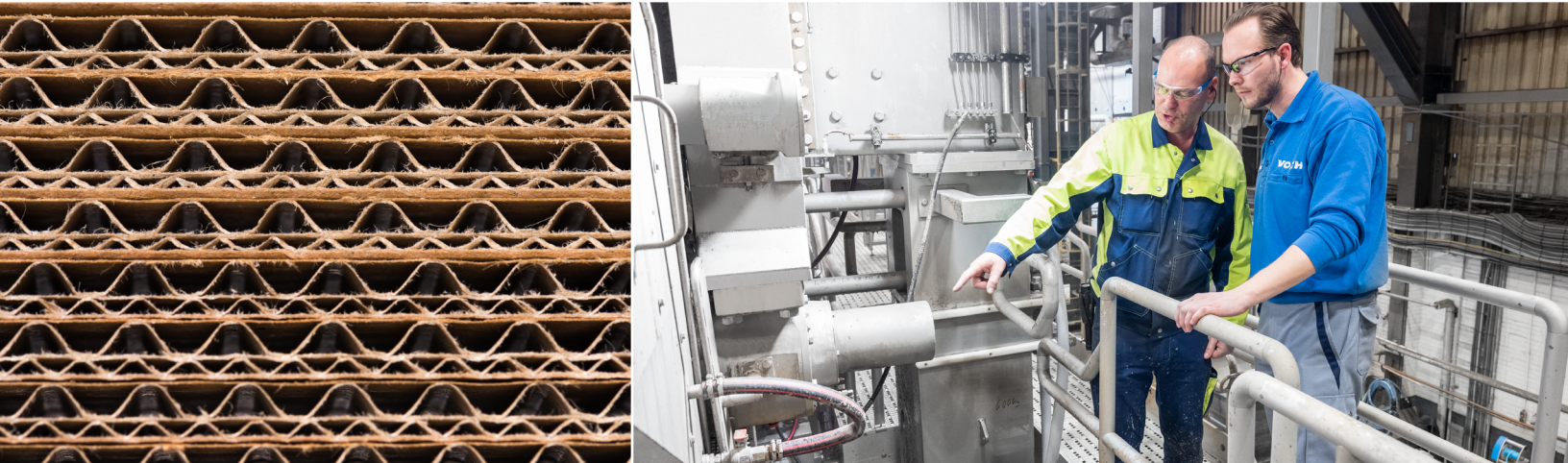
- High open area for drainage
- High fiber support for retention and cleaner wet end operation
- High wear volume for fabric life
- High stability

### Results

The mill attributes the following results to the MultiForm ICW:

- Achieved a production record of +5%
- Lowest sheet breaks per month
- Reached the highest OME for that paper machine
- Attained a fabric life record of 251 days (longest competition run was 138 days)

The introduction of MultiForm ICW helped a corrugated medium producer achieve a fabric life record of 251 days.



### About MultiForm ICW

MultiForm ICW has proven itself to be the industry leader on linerboard, corrugated medium and kraft applications. It has been proven across a wide range of furnished and former configurations, especially where the customer objectives are improved fabric life, drainage/production, optimal sheet test property generation/fiber usage, low drive loads and guide stability.

The full family of MultiForm I products – including MultiForm ICW – are made with unique and proprietary Voith technology. This makes elevated levels possible of both open area and fiber support, with a coarse / robust machine side surface for maximum life potential and stability.

### MultiForm ICW features

- For linerboard/corrugated medium and kraft applications where fabric life is a prime objective
- MultiForm ICW is the coarse product in the MultiForm I family
- Robust high shed wear surface for maximum wear volume and life potential
- High open area and fiber support combined – improved drainage with excellent retention / cleaner wet end operation

### Why partner with Voith?

Papermakers across North America turn to full-line supplier Voith for its expertise in every aspect of the production of graphics paper, packaging grades, tissue/towel, and pulp. From the stock preparation to the winder, Voith offers products, digitalization technology and service capability that improve mill production efficiency and conserve resources.

Voith's full range of fabrics and roll products offers a fabric suitable for every position in the mill regardless of the end product. That makes Voith the one-stop shop for every fabric need that's backed by more than a century of experience.

*"ICW is proving itself as a great addition to most mills, and this installation was no exception. The mill saw a drop in breaks per month and longer fabric life. This forming fabric is a key success factor in this mill's establishment of a production record in the summer of 2020."*

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