

QualiFlex CrestW
and QualiFlex CrownW
Get your customized choice





Get the best dewatering performance for your graphic paper machine

Clearly, the sleeve is a key component of the press section. It covers and seals the shoe press roll and has to be flexible to follow the deformation and bending when going through the press nip at high speeds up to 2,000 m/min and beyond. It is expected to be stable to withstand high pressures and provide maximum void volume at high loads, as well as be resistant both to mechanical and chemical wear. These attributes result in long-time, superior dewatering performance. This can be influenced by choosing the right type of surface and material for your sleeve.

With QualiFlex CrestW and QualiFlex CrownW, you make the choice for the best total package. Find out about your customized solution.

Know-how as a key benefit

Voith has the relevant know-how and experience in combining all elements of the press section to increase production output by raising the dewatering capacity of the press. Customized product packages are the key to your success.

Choose your surface

To reach optimum dewatering and best paper quality, grooved surfaces are the dominating choice for high-speed machines. With QualiFlex CrestW and QualiFlex CrownW, a large variety of surfaces is available. Groove shape, open area and void volume can be designed exactly to your needs.

QualiFlex CrestW – Reliable performance

Good abrasion, crack and impact resistance provide more than the usual market lifetime and performance. Technical expertise, tailor-made surface designs and stability come along with the good material properties of QualiFlex CrestW.

QualiFlex CrownW – Specialist for highest demands

With its specific focus on the individual key performance indicators (abrasion, crack and impact resistance), QualiFlex CrownW allows you to go even a step further. The tailored material properties of QualiFlex CrownW take the sleeve's performance to the next level while considering the specific requirements of your machine.

Your benefits

- + Optimum and constant dewatering performance and dryness after press
- + Outstanding wear resistance
- + Reliability
- + Several surface designs to meet your exact needs

Proven field experience

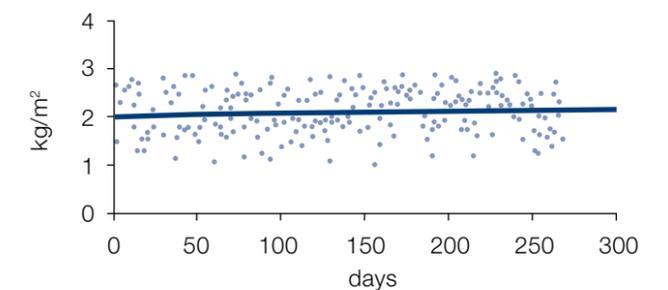
1st press

Grade:	Copy paper
Basis weight:	75-80 g/m ²
Speed:	1,180 m/min
Line load:	1,280 kN/m

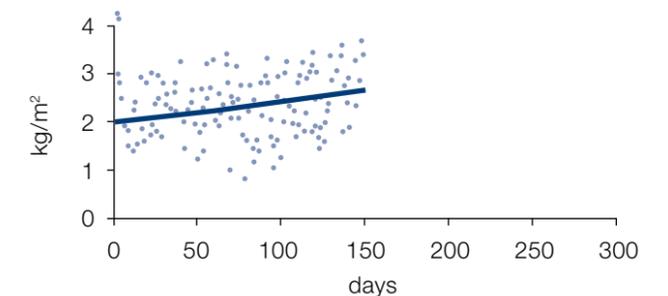
Performance improvement by using QualiFlex

Total lifetime days:	+68%
Nips:	+96%
Steam consumption:	Constant

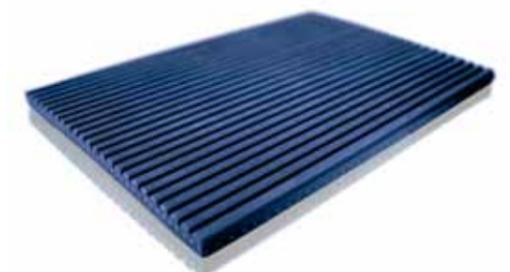
QualiFlex grooved sleeve steam consumption (kg/m²)



Standard grooved sleeve steam consumption (kg/m²)



QualiFlex CrestW – Reliable performance



QualiFlex CrownW – Reach the next level



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VOITH
Engineered Reliability