

QualiFlex CrestT
and QualiFlex CrownT
Get your customized choice





Ultimate dewatering designed specifically for your tissue machine

It is the especially high temperature in tissue shoe press applications that challenges most press sleeves. The high temperature softens polyurethane, impacts its resistance to abrasion and leads to groove collapsing. Under these conditions the production efficiency is reduced and the dry content after press suffers from the sleeve's reduced capacity to remove water. This can only be compensated by higher and more costly thermal drying efforts after.

In order to obtain stable machine operating conditions and efficiency Voith offers two superior sleeves: QualiFlex CrestT and QualiFlex CrownT – customized for your application!

High-Tech components

Embedding special reinforcing components in the polyurethane matrix, the material properties of the sleeves become more stable and consistent. The polyurethane material is selected based on specific tissue requirements to ensure the highest possible abrasion and wear resistance under severe temperature condition.

Choose your surface

To reach optimum dewatering of tissue products, grooved surfaces are the prime choice for this high-speed segment. With QualiFlex CrestT and QualiFlex CrownT a large variety of surfaces is available. Open area and void volume can be designed exactly to your needs.

Your benefits

- + Consistent high machine efficiency
- + Higher dry content after press
- + Increased operating window
- + Reduced operating costs

QualiFlex CrestT – Going for high standards

The press sleeve QualiFlex CrestT for tissue machines shows very good material properties regarding wear resistance and performance stability over a long period. It features the proven structure and performs reliably even under the harsh conditions of a tissue shoe press.

QualiFlex CrownT – The best is just enough

Like above, QualiFlex CrownT is based on a well-proven concept, with excellent abrasion resistance properties. The special heat resistant material formulation makes QualiFlex CrownT the perfect choice for very demanding applications.

Proven field experience

Conventional press sleeves show strong reactions to harsh conditions and suffer often from hydrolysis, higher wear and reduced void volume. Compared to conventional press sleeves QualiFlex CrestT and QualiFlex CrownT are especially designed for tissue applications. Real examples have shown very good results, such as up to 2% dryness increase after press, reduced abrasion by 50%, or a constant production output over the entire lifetime. This makes QualiFlex a trusted product for tissue production throughout the world!



QualiFlex CrestT – Reliable performance



QualiFlex CrownT – Reach the next level



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Engineered Reliability