

RAISING THE BAR

A TAILOR-MADE FIBROUS CASING FOR
AUTOMATED PROCESSING

KEY FEATURES:

- Engineered for robotic peeling.
- Improved glide and enhanced peelability.
- New 120-meter shirring length.
- Fewer changeovers. Higher efficiency.
- Proven in full-scale production.

Read more



Tailor-made Fibrous casing with extended shirring length of 120 meters



Raising the Bar: A Tailor-made Solution for Automated Processing.

When one of the largest meat processing plants in Germany approached ViskoTeepak with a new challenge, the goal was clear: develop a fibrous casing that could support their country ham application while performing flawlessly in an advanced robotic peeling process. Their existing casings worked well in traditional systems — but the demands of automated peeling required something more.

This request set a new and exciting task for our fibrous team: create a fully tailor-made casing that combined improved glide, enhanced peelability, and longer shirring length in one single, dependable solution.

Understanding the Challenge

The customer needed a casing that could resist sticking or tearing during robotic peeling, handle high-speed automated processes, and maintain strong performance throughout stuffing, processing and peeling — all while contributing to greater efficiency in their production line. It wasn't simply a matter of adjusting one parameter. The solution required three different performance areas to be improved, combined, and balanced at the same time.

Three Improvements, One Casing

To meet the customer's expectations, ViskoTeepak's R&D and production teams in Delfzijl and across Fibrous worked closely together. This development highlights the strength of our Delfzijl converting operations, where many years of

experience and high-class machinery enable the team to push technical boundaries and make the impossible possible. The result was a new, tailor-made fibrous casing that brings together three key advancements:

- 1 Improved glide performance** to support smooth operation during stuffing and peeling, especially in automated lines.
- 2 A strengthened IT+ performance,** developed to deliver more reliable peelability and consistent process behavior.
- 3 An extended shirring length of 120 meters,** exceeding our previous 100-meter standard. This new format provides more meters per horn, fewer strand changes and increased efficiency for the customer's processes.

These elements together create a reliable, high-performance casing designed specifically to fit the requirements of both the product and the customer's automation.

From Idea to Industrial Scale

After initial development, three large-scale production runs were completed to verify the casing's performance under real operating conditions. The results were clear: peel behavior improved significantly, automation ran smoothly, and the casing delivered the consistency the customer needed for their ham application.

This tailor-made development is a strong example of how ViskoTeepak supports partners with solutions designed around their processes — not the other way around.

Looking Ahead

This achievement opens new opportunities for customers seeking better peelability, extended shirring lengths, smoother automation, and dependable tailor-made fibrous casings for advanced production lines. Additional evaluations and test orders are already planned as we continue working closely with partners across the industry.

Every challenge is a chance to innovate. This project shows what happens when customer needs, teamwork and technical expertise come together — and it raises the bar for what's possible in fibrous casing performance.

“When customer needs, technical expertise, and teamwork come together, we do more than solve a problem. We raise the bar for what's possible.”





Always around

