

PACKAGING

VERTICAL FORM FILL SEAL (VFFS) EQUIPMENT



MEGADYNE

VERTICAL FORM FILL SEAL (VFFS)

INDUSTRY

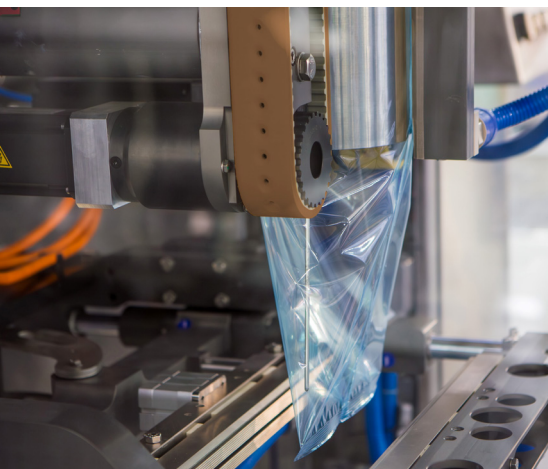
PACKAGING

APPLICATION

VERTICAL FORM FILL
SEAL (VFFS)

PRODUCT

MEGAPOWER COATED
BELTS



SITUATION/APPLICATION

In the manufacturing industry, Vertical Form Fill Seal (VFFS) equipment plays a crucial role in packaging operations. These machines automate the process by forming plastic sheeting into bags, filling them with products, and sealing them in a continuous assembly line. However, factors such as the type of bag material or environment can occasionally necessitate customized solutions, including the use of alternative cover materials to ensure optimal performance.

THE PROBLEM

The customer using a Vertical Form Fill Seal (VFFS) machine experienced a significant problem with the loss of friction in their packaging process. This issue was caused by the glazing of the coating material applied to the packaging, which reduced its grip and led to slippage during the sealing process. Additionally, the coating's poor durability and resistance to wear further exacerbated the problem, resulting in increased equipment downtime and production losses. These challenges not only hindered the efficiency of the operation but also impacted overall productivity, requiring frequent maintenance and causing delays in the packaging workflow.

MEGADYNE SOLUTION:

MEGAPOWER2 270 L 100 WITH DURATAQ™ COATING

MEGAPOWER2 270 L 100 with Durataq™ coating delivers high friction and anti-glazing features, together with the possibility to mold it on the belt and get the maximum adhesion to increase performance and durability.

THE RESULT

The custom solution results in the following benefits:

- Constant friction over time, avoiding any slippage on the film and ensuring an optimal production
- Higher grip, suitable for multiple types of film
- Extended lifespan, with an average of x3 compared to the previous solution
- Reduced downtime
- Enhanced maintenance planning capabilities



Contact our experts
to find out more