



PACKAGING

VERTICAL FORM FILL SEAL APPLICATION



MEGADYNE

VFFS PACKAGING APPLICATION

INDUSTRY

PACKAGING

APPLICATION

VFFS

PRODUCT

MEGAPOWER SILCOAT

SITUATION/APPLICATION

A global leader in automatic packaging machinery and a reference player in VFFS applications required a belt solution able to guarantee stable performance across different film types (including polyethylene (PE), polypropylene (PP) or paper-based materials with, matt and glossy surfaces), machine speeds, and environmental conditions: humid or temperature-variable with frequent start-and-stop cycles.

THE PROBLEM

The belt solution previously adopted by the customer used a traditional NR coating, which showed limitations in terms of durability, grip consistency, and long-term performance stability under demanding operating conditions.

MEGADYNE SOLUTION:

MEGAPOWER SILCOAT

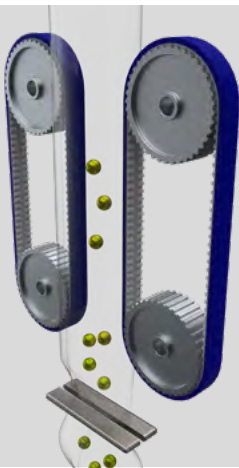
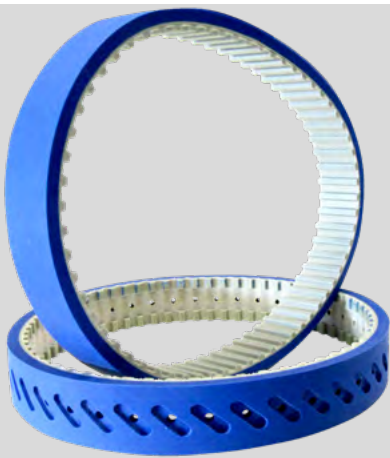
To address these challenges, Megadyne suggested the MEGAPOWER Silcoat solution. The solution was tested by the customer for more than one year on multiple VFFS machines installed directly at end-user sites. The trials demonstrated excellent performance on different packaging films and consistently reliable behavior throughout the complete service life of the belt.

The Silcoat coating provided improved grip stability and process reliability even under varying operating conditions, helping optimize machine efficiency and packaging consistency.

CUSTOMER BENEFITS

With MEGAPOWER Silcoat, the customer achieved:

- Higher operational reliability, even in humid environmental condition
- Consistent performance over the full belt lifetime
- Improved handling of multiple packaging film types
- Reduced maintenance concerns and enhanced machine efficiency



Contact our experts
to find out more