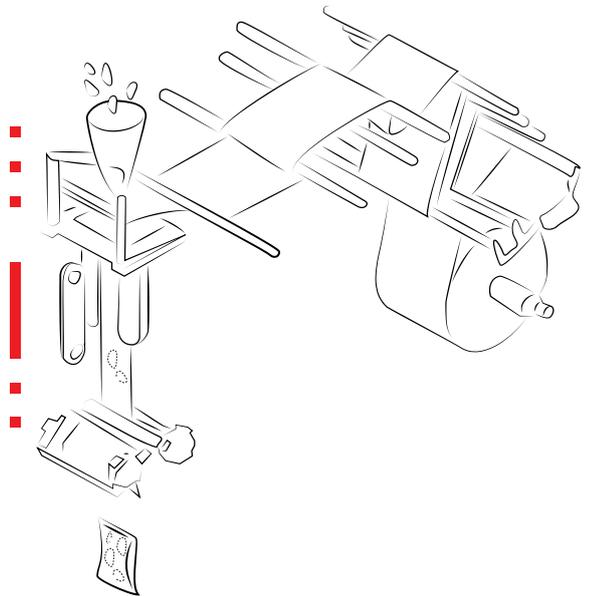


**NEW TIMING BELTS FOR VERTICAL FORM FILL SEAL****Vertical Form Fill Seal**

Vertical Form Fill Seal (FFS) equipment is widely used in packaging operations throughout the manufacturing industry. As the name implies, these machines work in an assembly line fashion by forming plastic sheeting into a bag, filling the bag with product, and then sealing the package.

There are many manufacturers of vertical FFS equipment on the market today and Megadyne Group is experienced with all of the leaders. We manufacture specialty belting both for OEMs and aftermarket distributors. Certain factors such as the bag material sometimes cause the need for custom solutions like the use of different cover materials. Our years of experience with these belts allows us help our customers determine the best belt for their specific use.

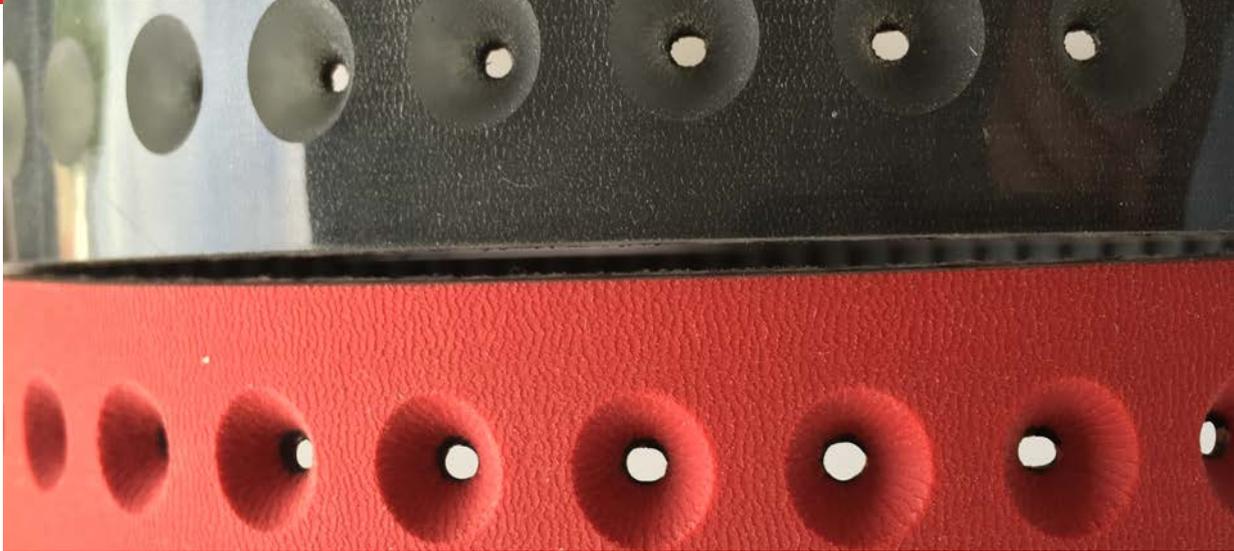
Timing and flat belts feature homogenous molded covers for uniform wear surfaces with no hard spots which provide increased performance. There are no splices or seams. They have excellent abrasion resistance and flexibility for troublefree operation. These belts are also fabricated with nonglazing compounds that deliver excellent grip and slip prevention. The unsurpassed quality in all of our belting products is evident.





# MEGADYNE

## INNOVATION SPOTLIGHT: ENDLESS FORM-FILL-SEAL



### NO GRINDING TIMING BELT

The new process for a type of endless FFS belting came about in response to a problem a customer was having with their machine. This particular customer was using timing belts made of molded linatex on a neoprene base. This belt worked adequately, until the packaging film used in the machine was switched to a new, but atypical film. The new film was coated “inside out” instead of “outside in”. Soon, the existing belts pulling the film began slipping. The slipping belt caused slowdowns on the line and other inefficiencies in the production process.

The Megadyne team came up with an innovative new belting solution to fix this issue. The new belt has a “skin coat” that securely grabs the film. This high-gloss surface was created without grinding and has an aggressively tacky exterior. The tacky surface needed to have the correct “catch and release” to keep the line moving smoothly.

The real innovation is that Megadyne was able to develop this same belt in a truly endless form. Devoid of any seams, this belt has increased longevity while maintaining the requirements for the FFS application.

As a result of this successful re-engineering project, we have been testing this new belt among OEMs of FFS machines. The results have been most promising, and we are planning on rolling out this innovative product to all of our customers who are experiencing similar problems.

As experts in custom fabricated belting, Megadyne was able to develop a new solution for an existing problem. Thanks to our technical experience, we can take a capability concept and engineer an optimal new solution. We also have the capabilities to apply this concept to other applications in the process.

