

Innovating Food Packaging with Acetal: A Success Story

At Lehigh Valley Plastics, we're always looking for ways to enhance performance and safety in the industries we serve. Recently, we worked with a food packaging company that faced a common "challenge: finding a durable, FDA-compliant material for a high-wear part that would stand up to the demanding conditions of their production line.

THE CHALLENGE: Their original component was showing wear too quickly, requiring frequent replacements and downtime. They needed a material that could withstand repetitive motions, friction, and occasional exposure to food-safe cleaning agents—all without compromising safety or efficiency.

OUR SOLUTION: After assessing their needs, we recommended Acetal. Known for its strength, low friction, and resistance to moisture, Acetal is ideal for applications where durability and safety are critical. Plus, it's FDA-compliant, making it perfect for food packaging.

THE RESULTS: By switching to Acetal, our client saw a significant reduction in downtime and maintenance costs. The component now lasts longer, performs better, and helps keep their production line running smoothly. It's always rewarding to see how the right material choice can make such a tangible impact!

This experience reinforced for us that even the smallest component—when designed with the right material—can have a huge effect on performance and reliability. If you're looking for solutions in high-demand applications, let's connect! Our team is here to help engineer success with innovative materials like Acetal.

