



COMMERCIAL CASE STUDY

PRODUCT

SpeedKnit™ HIGH ABRASION SIDH-02 SpeedKnit™ UTILITY SIDE-05

A bottling facility for a large international Food & Beverage brand was struggling with inconsistent supply and poor quality in their safety gloves. This meant variations in fit and performance of the product, and PPE vending machines that were short on inventory – leaving workers vulnerable to injury. Mechanix Wear supported the business through high-quality production of hand protection with consistent supply management.



PART # SIDH-02

SIZE S-007 M-008 L-09 XL-010 2XL-011



PART # SIDE-05

SIZE S-007 M-008 L-09 XL-010 2XL-011



RESULTS



30%
REDUCTION IN GLOVE SPEND



CONSISTENT SUPPLY MANAGEMENT



100%
OPERATIONAL EFFICIENCY

CUSTOMER

LARGE INTERNATIONAL FOOD + BEVERAGE BRAND

\$11B+ ANNUAL REVENUE
27K NUMBER OF EMPLOYEES
150+ PRINCIPAL WAREHOUSES + DISTRIBUTION CENTERS
125+ PORTFOLIO OF BRANDS

APPLICATION

BOTTLING BEVERAGES

INDUSTRY

FOOD + BEVERAGE

CUSTOMER CONSIDERATIONS

- Must replace current gloves with better fitting and performing product
- Vendor must be prepared to provide consistent supply and keep PPE vending machines filled with product
- New gloves must have multi-hazard protection for different applications in bottling facility

THE PROBLEM

Workers in a bottling facility of a large international food and beverage brand were facing hand injuries from inadequate hand protection because of poor-quality gloves and inconsistent supply. PPE vending machines were often short on inventory, leaving workers with no hand protection at all. The gloves that were available when inventory was re-stocked were of a poor-quality. They had fit issues such as gaps in the palm, and fingers that were too long. Gaps in the palm compromised workers' grip, and the extra length on fingers could get caught in the machinery resulting in rollover accidents.

The gloves also failed to provide adequate protection against abrasion from assembling and strapping cardboard boxes, and from handling other rough materials. The abrasion hazards and potential rollover accidents from the machinery left workers vulnerable to injuries, or even, severe hand damage.



SOLUTION

Mechanix Wear offered a glove trial period of one (1) month with four (4) samples, of each of the four (4) different sizes. Great care was taken to cross-reference previous gloves, and to involve employees in the trial process. There were two different applications in the same facility. The first was for workers around the bottling machinery, and second for material handling. After careful consideration of the hazards, Mechanix Wear recommended two different styles of SpeedKnit™ gloves: the SpeedKnit™ High Abrasion S1DH-02 and SpeedKnit™ Utility S1DE-05.

Both gloves are constructed from a seamless, 15-gauge polyester shell for a snug fit around fingers, hands, and wrists, and boast ANSI Level 4 abrasion resistance. This was a dramatic improvement over the previous glove that fit poorly and lacked abrasion resistance. The SpeedKnit™ High Abrasion glove was recommended for working around the high-speed bottling machinery. Its wavy nitrile palm coating enhances abrasion resistance, and restores grip in dry and wet conditions. The SpeedKnit™ Utility glove also has a seamless, snug fit and the same ANSI rating for abrasion resistance, but the palms are coated with an oil-resistant micro foam grip. This allows workers to work in confidence when handling rough materials while assembling and strapping cardboard boxes.

USER FEEDBACK

The workers at the beverage bottling facility are very pleased with the gloves. They finally feel like they have a glove with great dexterity, grip, and protection from abrasion hazards. Vending machines are consistently kept full with product, making it easier for employees to access PPE. Also, PPE that is accessed from the machines is consistent in quality, sizing, and fit. These improvements are going a long way in making employees' hands better protected and safer, helping achieve the safety manager's goals.

SUMMARY

Gloves for workers at a bottling facility of a large international food and beverage brand.

- Consistent fit and quality of gloves
- Consistent supply management
- 100% operational efficiency



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WHO HAVE SWITCHED TO THE TRACK PROGRAM,
TO TAKE CONTROL OF YOUR SAFETY AND COSTS.**

- ✓ PRODUCT SAMPLES FOR TRIALS
- ✓ EXPERT JOB SITE ASSESSMENT
- ✓ DETAILED REPORT WITH PPE RECOMMENDATIONS

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