



COMMERCIAL CASE STUDY

PRODUCT

SPEEDKNIT™ ARC FLASH S35CJ06

Workers at Pactiv Evergreen's Beech Island facility had been suffering from minor safety incidents as they were maintaining their plastic injection machines as well as other hazards at the facility, including extreme heat, sharp edges, and hot liquids.

In this case study, we'll explore how Pactiv Evergreen managed to decrease risk of injury while saving thousands on PPE costs by switching to the S35CJ-06 SpeedKnit™ Arc Flash glove.



EN 388 3X43D	EN 407 4132XX
ANSI A5 CUT	ANSI 3 ABR
ARC 2 12 cal/cm ²	

PART #	S35CJ-06				
SIZE	S-007	M-008	L-009	XL-010	2XL-011

CUSTOMER

PACTIV EVERGREEN

Pactiv Evergreen is one of the largest manufacturers of food packaging products in the world. They deliver innovative food and beverage packaging solutions to businesses and the consumers.

Part of their stated values is to "provide a zero-harm workplace for all individuals focused on a commitment to injury and illness prevention and hazard elimination."

- 59** ————— GLOBAL PRODUCTION LOCATIONS
- \$5.71 BILLION** ————— ANNUAL REVENUE
- 16,500** ————— EMPLOYEES WORLDWIDE

RESULTS



\$200,000
IN POTENTIAL INJURY COST SAVINGS



\$5,500
SAVINGS PER YEAR IN PPE COSTS



DECREASED RISK
OF INJURY DUE TO CUTS AND BURNS

APPLICATION

Manufacturing

INDUSTRY

Packaging

THE PROBLEM

At Pactiv Evergreen's Beech Island facility, workers engage in a variety of tasks including material handling, equipment maintenance, and general manufacturing processes. Despite Pactiv Evergreen's strong commitment to safety, featuring comprehensive procedures and personal protective equipment for their workforce, the diverse nature of manufacturing tasks presents several inherent hazards. These include exposure to oil and grease, extreme heat, sharp cardboard edges, and hot water, all posing potential risks to worker safety.

This is especially true for the plastic injection molding machines. These machines, crucial in producing plastic food packaging products, are known for being hazardous. According to OSHA, working with injection molding machines carries risks of cuts, bruises, burns, electric shocks, and in extreme cases, fatalities.

Recent incidents at the facility, specifically involving cuts and burns, highlighted a gap in hand protection. The existing gloves weren't fully equipped to shield workers from the array of hazards present in their daily operations. As a result, Pactiv Evergreen realized the need for a comprehensive hand protection solution to fully safeguard their workers from workplace risks. For that, they turned to Mechanix Wear.

CUSTOMER CONSIDERATIONS

- **Risk mitigation:** Will the gloves sufficiently protect workers from common packaging industries?
- **Burn protection:** Can the gloves safeguard against contact with high-temperature surfaces?
- **Cost-effectiveness:** How durable are these gloves in a high-use environment?



SOLUTION

Mechanix Wear conducted a thorough TRACK Assessment at the Beech Island facility. A key part of the Mechanix Wear process, TRACK involves an on-site walkaround where a Mechanix Wear safety consultant assessed hazards, safety procedures, and current PPE performance levels. After conducting their review, the Mechanix Wear representative recommended the company switch to the S35CJ-06 SpeedKnit™ Arc Flash glove.

The S35CJ-06 SpeedKnit™ Arc Flash glove is made from a 13-gauge aramid blended shell that meets ANSI A5 cut resistance standards and EN 407 Level 4 Limited Flame Spread and Level 2 arc flash (12 cal/cm²) rating. It can withstand a contact heat of up to 300°F, which makes it well-suited for use around injection molding machines.

In addition to its cut and heat resistance, the S35CJ-06 also has sandy neoprene and nitrile coating which gives ANSI A3 levels of abrasion resistance and excellent user grip in wet and oily conditions as workers maintained and repaired the various machines used in the production process.

USER FEEDBACK

Reactions to the S35CJ-06 during the trial period were positive. Workers appreciated the extra level of cut and heat protection the SpeedKnit™ gloves provided, as well as how comfortable the gloves were to wear over extended periods of time.

SUMMARY

Heat and cut-resistant gloves for Pactiv Evergreen workers.

- Increased protection against cuts and abrasions
- Withstands 300°F of contact heat and arc flash up to 12 cal/cm².
- Nearly \$200,000 in potential injury cost savings



ARE YOU ON THE RIGHT TRACK?

JOIN AN ELITE GROUP OF COMPANIES 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

SIGN UP NOW!