



CASE STUDY

PRODUCT

TORCH™ WELDING FLUX

A large truck manufacturer's safety manager was dealing with high costs, and technicians getting burn injuries on the job. Here is how Mechanix Wear's Torch Flux welding gloves came to the rescue.



EN 388
 EN 407
 ANSI 3 ABR
 ANSI 4 PUN
 ANSI 3 HEAT
 EN 12477 | TYPE A
 Vertical Electrical Resistance (> 10⁵ Ω)
 Pass

PART #	WS-FLX
SIZE	S-008 M-009 L-010 XL-011 2XL-012

THE PROBLEM

Workers at Lynchburg, VA location were going through a pair of welding gloves in a week and a half. Besides this, the welding gloves they were using were stiff and ill-fitting, and took a long time to break in. Workers had to keep two pairs going at once; the pair that was broken in and that they enjoyed working in, and the new pair that was on deck waiting to be broken in. They often avoided the new pair, keeping the gloves in service until there was "too much exposed skin to continue to wear them." The result was burn injuries, including two instances of third-degree burns in the prior year. The workers needed a glove solution with dexterity and good fit, instead of the stiff, poorly-fitting, "oven-mitt"-type welding gloves they were currently using.

RESULTS



6X
LONGER WEAR AND PROTECTION



ZERO
INJURIES WITH FLUX GLOVES



\$180K
DOCUMENTED SAVINGS

CUSTOMER

Large Truck Manufacturer

- \$1B — Annual Revenue
- 400 — Technicians
- 37 — Locations
- 1800 — Total Employees

APPLICATION

MIG / TIG Welding

INDUSTRY

Heavy Equipment Manufacturer

CUSTOMER CONSIDERATIONS

- What do I have to pay now vs. what am I going to pay
- Workers compensation costs for an injury
- Will new gloves increase productivity



I always tell the employees, I'll meet anybody's spouse, for lunch, coffee, whatever – but what I don't ever want to do is call your spouse and have them meet me at a hospital. I don't want to be the sole person responsible for your safety. That's why I involve them.

NANCY S. | REGIONAL EHS MANAGER





SOLUTION

Mechanix Wear worked closely with Nancy and her team to understand the user requirements, current constraints and primary objectives. Samples were selected based on the application at hand, environmental conditions and worker behavior and preference. Also, the team's requirements for cut, heat, abrasion, impact and puncture are always fully assessed to ensure every element of worker safety is considered. The option selected for the wear trial was the Mechanix Wear Flux Glove from the Torch Welding Series. The Flux is crafted with Durahide™ top grain cow leather, lined with flame-resistant cotton, and finished with high-tenacity thread with DuPont™ Kevlar® to create the perfect tool for welders. The patented rollover fingertip design repositions exposed seams to improve dexterity, durability and control, which was very important to the technicians.

USER FEEDBACK

Workers responded well immediately to the new gloves. The Flux Torch Welding Gloves have become favorites for their softness, dexterity, and because they're not cumbersome. Another benefit the workers noticed right away was that these don't leave dye on their hands, unlike the previous product they used. The most beneficial advantage for the technicians was that they no longer needed to break in their gloves and have two pairs on the go. They have now been using Flux gloves for a year and a half and are thrilled with the form, fit and

COST + USAGE

Gloves for 400 technicians

Previous Glove	Flux Torch Welding Glove
Lasted 10 days	Lasted 60 days
Cost \$17.70/pair	Cost \$31.50/pair

- \$181,770 in documented savings
- Zero injuries with Flux gloves
- Flux gloves lasted 6X longer than previous gloves

"If you hand out low quality product that falls apart, that no one wants to wear... what's the message there? But when you choose good products, and you show that you're actually investing in the employees' safety, they invest in themselves."

WANT SIMILAR RESULTS FOR YOUR BUSINESS?
Contact us to discuss our free onsite evaluation and trial program
(800) 222-4296