You Do the Job that No One Else Can Do

We at HexArmor® would like to extend our sincerest thanks to the firefighters, EMTs, rescue squads, and all first responders that helped make this project possible.

The community that came together with our Solution Specialists has shown us an incredible amount of support and gratitude, while teaching us the difficulty, the courage, and the passion that is a part of your everyday work.

Stay safe.
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Bent Metal, Broken Glass, Charred Plastic: No Time for Inferior Hand Protection.

When we took on the mission of creating the world’s safest rescue glove, we knew we couldn’t do it alone. Building the perfect safety glove for the toughest first responders takes a lot of work, so we put it back on the hardest workers we know. We went out and asked the heroes in the field what they needed out of their rescue gloves. It’s a good thing we did; they helped us create a line of products that we are proud to call the HexArmor® EXT Rescue® Series.

It was clear what was expected of us. Our first responders needed gloves that were durable enough to withstand tough treatment, without being stiff, bulky, or uncomfortable. We needed to incorporate our industry-leading cut and impact defenses, and provide the dexterity and flexibility necessary to take vital action. Four gloves were created with these purposes in mind, and each glove is a testament to the commitment of our first responders. While they keep us safe, now they too can stay safe.

Born from the tireless commitment of first responders around the world, HexArmor® is honored to present the EXT Rescue® line of extrication gloves. These are tools created by you: those with the courage to sacrifice everything, who serve with honor, who protect with vigilant dedication. You do the job that no one else can do. And you helped HexArmor® build the glove for that job.

“First and foremost, these gloves had their first material failure after 3 years of active service. I respond to about 20-30 vehicle accidents a year, and I wore my gloves on each scene. Thanks to the gloves’ durable material in the palm, I was spared from many lacerations that I would have suffered while working on cars, or from the glass while in cars conducting patient care.”

M. Jones. - Allendale Fire Department, MI
SuperFabric®

What is it?

SuperFabric® is a proprietary HexArmor® technology that provides unprecedented levels of safety in a lightweight, flexible, high-performance fabric. Hundreds of tiny guardplates configured on a substrate make the material both tough and flexible. HexArmor® EXT Rescue® gloves are built with SuperFabric® in the palm and fingertips, hidden underneath the outermost layer.

What Does SuperFabric® Do?

SuperFabric® brand materials resist cut, puncture, and abrasion damage at the highest level. For over a decade, HexArmor® has been using SuperFabric® to solve industrial hand safety issues. If an unexpected sharp hazard meets a HexArmor® glove, the SuperFabric layer works as the last line of defense to keep the user injury-free.

Puncture Resistance

MANY LACERATIONS BEGIN WITH A PUNCTURE

Almost all lacerations begin with a puncture. Sharp hazards found at crash sites, such as glass shards and cut metal edges, can poke through the glove and drag across the hand, ripping through the material and the skin. Common cut-resistant materials such as aramid fibers provide some protection from straight-edged hazards, but they can be easily pierced because of the knit properties of the material. HexArmor puncture-resistant technology relies on patented SuperFabric® guard plates to stop hazards and prevent injuries. All puncture-resistant HexArmor gloves are put to the test in the lab and in the field. Using real feedback from the first responders relying on the gloves, the designs have been improved to increase the protection through all high-risk areas.
Abrasions are a constant hazard for first responders, whether from rough exteriors of hose and other equipment, rescue tools and saws, or any other material that rubs and wears down typical gloves. Effective abrasion resistance helps prolong the life of the gloves, which increases the total return on investment. Anyone who has thrown away a perfectly good glove because of a worn fingertip or palm pad understands the value of abrasion resistance even beyond the injury prevention. HexArmor® builds superior abrasion resistance into our rescue glove line. After researching and gathering feedback on the ways in which first responders perform various tasks, we enhanced the protection with our proprietary TP-X® material. We also added patches of additional fabric to the areas exposed to scrapes and excessive wearing, such as the fingertips and the area between the thumb and forefinger. This keeps users safer, while extending the glove life.

Impact Resistance

POSITIVELY IMPACT OVERALL SAFETY

Impacts come in all forms, shapes and magnitudes for first responders. Whether caused by falling tools or equipment or pinches, all impact injuries have one thing in common: unpredictability. Individuals must always be prepared and protected from impacts and pinch points. HexArmor® created the patented IR-X® Impact Exoskeleton®, which is proven to reduce the number and effects of injuries. HexArmor® gloves are designed to absorb and redistribute the energy away from the knuckles and bones during an impact. HexArmor® tests the effectiveness of our own PPE materials, as well as the leading competitive brands, and has demonstrated that our products lessen the force of an impact to a much greater degree than anything else on the market.
CASE STUDY

IR-X® Impact Protects First Responder

A crew member from Pinewood Fire and Rescue avoided a serious extrication injury while performing the roof flap method using a pair of hydraulic cutters. Though the incident could have resulted in serious harm, the rescue crew member attributes this save to his HexArmor® EXT Rescue® 4011 gloves.

Called into Action: HexArmor® Saves Worker from Injury

A rescue crew from Pinewood Fire and Rescue responded to a call for a woman who was trapped in her car, which had rolled onto its side. Upon arrival, the crew assessed the situation and realized the roof needed to be flapped down before the woman could be removed from the vehicle. To do this they added struts to designated areas surrounding the vehicle to help stabilize it. Once the struts were in place, the crew started cutting away at the marked posts in order to free the woman.

One crew member was using hydraulic cutters. He began the roof flapping process by cutting the A post, and from there moved to the B post. As he was cutting the B post, he noticed the handle of the cutter was getting close to a window divider, so he released the throttle ring on the cutter to create space. Instead of providing more space, the cutters trapped his hand against the vehicle. He pulled his hand away from the vehicle as hard as he could, and to his surprise, his whole hand had been saved, and only part of the glove was left behind.

The crew member attributes this save to his HexArmor® gloves saying, "I was lucky to be wearing a pair of quality extrication gloves with finger padding. I left a piece of the glove and only suffered some nerve damage." He could have lost his finger, but because of the strength of his gloves, and his quick thinking, he went home in one piece. In situations like the above incident, it is important to remember where your tools are throughout the extrication process, and to take the time to reposition them as needed.
“HexArmor® is by far the best money I have spent on a pair of gloves. They fit perfect, great dexterity, hold up great! These gloves way outlast any other pair I have owned before by over the double the lifespan.”

Mark P. - West Taylor Volunteer Fire Co.
4011 EXT Rescue®

- SuperFabric® brand material palm provides ANSI/ISEA and CE Level 5 cut resistance (interior layer)
- Full Impact Exoskeleton® with high-performance IR-X® smash guards
- NEW! Full TP-X® palm with reinforced stitching
- Neoprene cuff with pull tab and Velcro® closure

Available in sizes 7/S through 11/XXL

4012 EXT Rescue®

- SuperFabric® brand material palm provides ANSI/ISEA and CE Level 5 cut resistance (interior layer)
- Back-of-hand impact guards
- Durable TP-X® palm with reinforced stitching
- Elastic cuff with pull tab and Velcro® closure

Available in sizes 6/XS through 11/XXL
4013 EXT Rescue®

- SuperFabric® brand material palm provides ANSI/ISEA and CE Level 5 cut resistance (interior layer)
- Durable TP-X® palm and fingertip reinforcements
- Back-of-hand impact guards
- SlipFit® and anti-debris cuff
Available in sizes 7/S through 11/XXL

4014 EXT Rescue® Barrier

- SuperFabric® brand material palm provides ANSI/ISEA and CE Level 5 cut resistance (interior layer)
- Waterproof H2X® barrier meets ASTM F1670/F1671 for bloodborne pathogen resistance and fluid-borne viral resistance (interior liner)
- Back-of-hand impact guards
- Durable TP-X® palm with reinforced stitching
- Neoprene cuff with pull tab and Velcro® closure
Available in sizes 7/S through 12/3XL
To help you battle the discomfort of high heat and keep you comfortable and productive, HexArmor® is excited to announce our newest product line, ColdRush®. The ColdRush® cooling apparel is a line of products made with eVapora™ technology, an advanced hyper-evaporative material that helps keep you cool in high heat environments. Because ColdRush® is highly absorbent, it works fast, retains moisture and the cooling effect lasts for hours.

**Du Rag ColdRush®**
- Extended eVapora™ neck flap designed to lay on neck, which is a prime cooling point
- High performance shell
- Nomex® shell available for jobsite compliance*
- Utilization of mesh panels for targeted breathability (not available on Nomex®)
- Flat seams for comfortable feel against your skin
- One size fits most

**Bandana ColdRush®**
- eVapora™ cooling technology wicks away sweat
- Cotton shell
- One size fits most

**Hard Hat Insert ColdRush®**
- eVapora™ cooling technology wicks away sweat
- Mesh panels for targeted breathability
- Flat seams for comfortable feel against your skin
- Velcro® straps secure ColdRush® inside hard hat
- Lightweight
- One size fits most

**Insert with Neck Shade ColdRush®**
- Extended performance polyester neck shade
- eVapora™ cooling technology wicks away sweat
- Mesh panels for targeted breathability
- Flat seams for comfortable feel against your skin
- Velcro® straps secure ColdRush® inside hard hat
- Lightweight
- One size fits most
*While this garment is not designed to provide protection against heat and flame, the outer material of the garment has the following FR Properties: NFPA 2112, ASTM F1930, and ASTM F1959. WARNING: When the PVA is dry, any possible fire-resistance performance is negated.*

**Insert with Nomex® Shade**

**ColdRush®**
- Extended performance Nomex® neck shade
- eVapora™ cooling technology wicks away sweat
- Mesh panels for targeted breathability
- Flat seams for comfortable feel against your skin
- Velcro® straps secure ColdRush® inside hard hat
- Lightweight
- One size fits most

**Neck Band**

**ColdRush®**
- Size: 1.75” x 31”
- eVapora™ cooling technology wicks away sweat
- Heavy duty snaps
- Lightweight
- One size fits most

Additional colors:

- **Blue** 30300
- **Lime** 30301

**Cooling Towel**

**ColdRush®**
- Size: 13” x 33”
- eVapora™ cooling technology wicks away sweat
- Lightweight
- One size fits most

Additional colors:

- **Blue** 30400
- **Pink** 30402

**Chest Vest**

**ColdRush®**
- eVapora™ cooling technology wicks away sweat
- Contoured design with Velcro® closure for maximum comfort and fit
- Front and back panels designed to cool your upper body
- Extended collar to reach the cooling zone in your neck
- Lightweight
- One size fits most

Additional colors:

- **Lime** 30500
How to Properly Care for Your Gloves

Improper glove care can shorten the life of your PPE. It can also lead to dermatitis, decreased dexterity, loss of protective abilities and odor. Glove care refers not only to laundering, but also proper storage, routine glove checks and knowledge of materials and their particular strengths and weaknesses.

Because there are so many different rescue gloves on the market, experienced first responders should be aware of what their gloves are made of and how the gloves will stand up to the applications they’re being used for. Common glove materials include nylon, spandex, leather, cotton, SuperFabric®, Kevlar®, and knit fibers. Each of these materials has a certain way it needs to be cared for, and oftentimes there is a blending of the materials, making proper care even more crucial.

Proper storage
Gloves should be ideally stored in clean, dry conditions, away from direct sunlight and extreme temperatures.

Routine glove checks
Glove life varies depending on the application, environment and amount of use. Because of this, it is vital that you perform routine glove checks before beginning work every day. Take note of areas that have begun to wear down, such as loose Velcro® or a worn-down name tag. If you see holes in the synthetic leather or TP-X® material on the palm of your glove, this is an indication that its protective qualities may be compromised, putting you at risk of injury. Lingering moisture or a strong odor are also signs that your gloves may need to be replaced.

Keeping an eye out for these issues and others keeps you one step further from a worksite hand injury, which is the ultimate goal of hand protection in the first place.

Care and content
Our C&C tag, which indicates washing instructions and fiber content, is located on the inside cuff of all our gloves.

- Gloves marked “wash with care” are machine washable. The number inside the symbol denotes what temperature to wash the gloves at (e.g., machine wash with care at 30 degrees Celsius). Washing with care can be done by changing the machine cycle, using a different preset wash program (gentle/delicate), and being sure not to overload the washing machine.

- When washing by hand it is important to use a soap and/or detergent that won’t irritate your skin. Also, be sure to wash gloves over a sink or outside, and rinse thoroughly.

Individuals who properly launder their gloves can increase lifespan by up to 300%
Laundering removes harmful chemicals, perspiration, and everyday grit and grime that can weaken protective fibers and seams. Our team of HexArmor® solutions specialists are here to help you with this process, and they are more than happy to provide you with all the information you need.
Put Your Gloves to the Test

A glove trial is the process of field-testing different models of safety gloves, either from a single source or several manufacturers, in order to identify the best glove for a particular job. When done correctly, the benefits of a glove trial include:

• Improved hand safety program and equipment, and reduced rate of hand injuries
• Increased awareness of hand safety issues among workers
• Higher rates of compliance with hand safety PPE requirements
• Reduction in costs related to hand protection, through increased efficiency and durability of work gloves, or reduced insurance rates, medical costs and worker's comp claims

Because work conditions vary from one job to another, there is no way to tell how effective a particular safety glove will be without testing it in the field to see how it holds up, and protects against the actual hazards encountered in the workplace. Although a glove may have tested well in laboratory settings and been granted a high cut rating, it may lack abrasion resistance and break down quickly in the field. If a glove doesn’t offer the same level of protection at the end of the work day as it does at the beginning, then you need to consider another option.

To ensure you avoid wasting time and energy on a poorly run glove trial, we have outlined a set of proven steps you can take in the glove trial process. These tips and recommendations come from over a decade of experience working with large industrial companies.

For the full white paper, please contact your HexArmor® rep, or visit http://hexarmor.com/glovetrial
HexArmor® products are cut and puncture resistant, NOT CUT AND PUNCTURE PROOF. Do not use with moving or serrated blades or tools. User shall be exclusively responsible to assess the suitability of the product as specified for any individual application or use. Protection zones are to be used as a general guide. Actual product protection zones may differ.

Protected by patents and patents pending. SuperFabric® is a registered trademark of HDM, Inc.

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All products, product descriptions, and performance scores are current as of March 2016. For current product information, please visit hexarmor.com, or call 1-877-MY ARMOR.