

USER INFORMATION GUIDE

THIS USER GUIDE IS TO BE REMOVED ONLY BY THE END USER

This guide is intended to provide information on the use and limitations of these gloves.

Read and understand the guide in its entirety prior to using the gloves

These gloves are certified by SEI to meet the requirements of NFPA 1971, 2018 EDITION STRUCTURAL FIRE FIGHTING GLOVES

The HexArmor® Glove Warranty

HEXARMOR® WARRANTS THAT ITS PRODUCTS WILL BE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS. THIS LIMITED WARRANTY EXPIRES ONE YEAR FROM ORIGINAL INVOICE DATE AND DOES NOT INCLUDE DETERIORATION FROM WEAR, ABUSE, ACCIDENT OR CHEMICAL EXPOSURE. NO STATEMENT MADE BY OR ON BEHALF OF HEXARMOR® IN THE PRICE LIST OR COLLATERAL LITERATURE IS A WARRANTY THAT ANY HEXARMOR® PRODUCT IS FIT FOR A PARTICULAR PURPOSE.

About your Moisture Barrier:

The moisture barrier in your gloves has not been evaluated for ALL chemicals that can be encountered during fire fighting operations. Information about the effects of chemical exposure on the moisture barrier should be evaluated per the inspection procedures specified in FFPA 1851.

Do not wash gloves that have absorbed hazardous materials. Consult with your fire department for procedures on handling and disposing of gloves that have come in contact with hazardous materials.

Instructions Before Using HexArmor® Gloves:

Firefighting is an extremely dangerous activity involving unlimited hazards that may cause burns, injuries, infections or death. Firefighters must follow the instructions in this guide before using the HexArmor® 8180. Even when correctly used and maintained, however, HexArmor® 8180 gloves will not eliminate the dangers and risks of firefighting.

General Care:

1. Never store gloves in the pockets of your turnout gear.
2. Leather gloves must be allowed to dry out to prevent rotting, which results in diminished strength and protective qualities.
3. Store gloves out of direct sunlight. UV light weakens fabric.
4. When removing gloves, grasp several fingers at once to avoid excessive stress on internal components.

Your fire department must independently evaluate the suitability of the HexArmor® 8180 in general and at each fire scene. HexArmor® cannot know the conditions or hazards of each fire, and does not warranty the gloves for any particular purpose.

The fire department must also design and implement an inspection program with criteria to determine when gloves must be removed from service. Do not continue to use gloves that are damaged, contaminated or otherwise do not pass inspection. Even when properly used and maintained, the protective qualities of the HexArmor® 8180 will diminish with age. Consult your fire department regarding the criteria established for removing worn gloves from service.

Your HexArmor® 8180 will not protect you from all burns, or other injuries caused by flames or heat. You may be burned without coming into direct contact with heated materials, gases or flame. You may be burned without your HexArmor® 8180 showing signs of damage or heat exposure. You must exercise extreme caution at all time and limit your exposure to flames or heat.

The HexArmor® 8180 is designed to provide limited protection against injuries to the hand when properly maintained and worn by trained firefighters during normal structural firefighting activities. Do not use your HexArmor® 8180 as fire approach or entry gear.

Do not use your HexArmor® 8180 in proximity to, or direct contact with, flame or hazardous materials. Do not contact electrical wires or other sources of electricity. Approach, entry, proximity and other specialized firefighting activities require protective equipment specifically designed for those activities. The fire department must independently assess the suitability of the HexArmor® 8180 in general and at each fire scene.

Gloves may be marked using permanent, non-toxic ink on the outer shell or inside the cuff of the glove.

The HexArmor® 8180 has been tested to comply with the requirements of NFPA 1971, 2018 Edition Gloves for Structural Firefighting. The actual protective properties of the gloves will be affected by the method and frequency of cleaning, storage, maintenance and use. Most performance properties of the gloves cannot be tested by the user in the field. Nevertheless, the user must inspect the gloves regularly. The fire department must determine the criteria for repairing or retiring worn, damaged or contaminated gloves. There are no express warranties that extend beyond the description in this guide and on the labels attached to the gloves.

Seller disclaims any implied warranties of merchantability or of fitness for any particular purpose. Since Seller cannot control the manner of use of its products after their sale, Seller will not be responsible for any consequential or indirect damages. No warranties will apply if the products are in any way altered or modified after delivery by the Seller.

Using the HexArmor® 8180:

The appropriate use for your HexArmor® 8180 gloves must be decided by your fire department. Proper use should be consistent with NFPA 1500, Standard on Fire Department Occupational Safety and Health Program, and 29 CFR 1910.132, General Requirements of Subpart I, Personal Protective Equipment. HexArmor® makes no warranties that the HexArmor® 8180 is fit for any particular purpose.

Maintaining / Cleaning the HexArmor® 8180:

The protective capabilities of any equipment, including your HexArmor® 8180, depends upon correct maintenance and cleaning. Do not use gloves that have not been thoroughly cleaned and dried. Your HexArmor® 8180 should be cleaned after heavy use to avoid build-up of grit and grime. Clean your gloves at least every six months.

The logo for HexArmor, featuring the brand name in a bold, sans-serif font with a stylized 'A'.

- **Cleaning Instructions: Preferred Method**

Don gloves, dampen, use mild soap and wash as if you were washing your hands. Rinse in clean, cool water. Do not wring out. The violent twisting motion may tear internal stitching or cause a rip in the moisture barrier. Instead, squeeze out excess water. Recommend placing a hollow tube inside the gloves to allow air to enter the glove. Store the gloves where there is constant air motion. Do not place the gloves on a heater as this will dry out the leather causing stiffness.

- **Alternative Cleaning Method: Extractor**

Put gloves in extractor. Use cool water, same as with turnout gear. Using a mild pH-neutral detergent, wash as you would your other gear (gentle, slow spin. No chlorine bleach ever). Proceed as above before washing.

Do not wash gloves that have absorbed hazardous materials. Consult with your fire department for procedures on handling and disposing of gloves that have come in contact with hazardous materials.

Do not wash the HexArmor® 8180 in top-loading, industrial, or agitating washing machines. The force of the machines may weaken the protective properties of the gloves.

All good leather, as used in the HexArmor® 8180, should be air-dried. Hanger-loops are provided in each glove to allow them to be hung on hooks and 'dees' of the turnout coat, should the need arise. Some firefighters put cans (with both ends removed) into the gloves to aid in drying. Drying racks in well ventilated areas also assist in drying. Do not turn the gloves inside out to dry. This may tear or damage the moisture barrier or lining. Do not stuff the wet gloves into pockets where they cannot dry. Do not lay the gloves on radiators or dry them in hot air dryers. Hot air drying will stiffen the leather and severely shorten the service life of the gloves. Do not dry the gloves in direct sunlight, or expose them to excessive fluorescent light. The UV light will weaken and damage the gloves. Do not dry clean gloves with moisture barriers.

If your gloves are excessively worn, are damaged or contaminated, or otherwise do not pass inspection, do not use them. Turn in the damaged gloves and obtain a replacement pair of the HexArmor® 8180 from your fire department. Do not attempt to repair the gloves yourself. The HexArmor® 8180 should only be repaired by a qualified repair facility designated by your fire department. Any alteration of the glove will void the manufacturer's warranty. The gloves should be cleaned and disinfected before being sent for repair.

If your gloves become exposed to hazardous materials, such as chemicals, acids or blood, you should isolate and bag the gloves immediately. Avoid contact with the contaminated portions of the gloves. Leather gloves cannot be fully decontaminated and must be disposed.

Your HexArmor® 8180 gloves should be tested for water resistance as part of the regular test procedure defined by your fire department. The Water Integrity Tests defined in NFPA provide a method for testing gloves for leaks.

- Put on a water marker glove (a thin glove that will stain when touched by water) underneath your HexArmor® 8180.
- Immerse your HexArmor® 8180 in tap water to within one inch of the cuff.
- Clench your fist every 10 seconds, for five minutes.
- Remove the glove from the water, and check the marker glove for signs of water marks.

If your gloves show signs of water penetration, obtain a replacement pair of HexArmor® 8180 from your fire department.

Inspecting the HexArmor® 8180:

You should inspect your the HexArmor® 8180 gloves when you first receive them, and after each use and cleaning. Regardless of use or cleaning, however, you should inspect your HexArmor® 8180 at least once a month.

When inspecting your gloves, check thoroughly for: cuts or worn areas in the leather or fabric shell, or lining material; torn seams or cut threads which may allow seams to separate; chemical contamination in the leather or liner which cannot be removed; brittleness, discoloration or other evidence of damage from heat or sun; leaks or signs of liquid penetration. The NFPA 1971 Water Integrity Tests define a specific method for determining the liquid integrity of a glove.

Retiring and Disposing of Gloves:

You must retire gloves that have become exposed to hazardous materials or that fail to pass the inspection procedures defined by your fire department and that, in the judgment of your fire department, cannot economically be repaired. Consult with your fire department regarding the appropriate method of disposal. If the gloves are contaminated with hazardous materials, isolate and bag the gloves immediately, avoiding contact with the contaminated areas of the gloves. The gloves should be disposed of in accordance with applicable laws and standards determining the liquid integrity of a glove.

Do not use your gloves if they are damaged, and do not attempt to repair them yourself. Obtain a replacement pair of the HexArmor® 8180 from your fire department. Your fire department must establish rules for determining what gloves do, or do not, pass inspection. Consult with your fire department regarding the decision to have your gloves repaired or to retire your firefighting gloves.

Preparing to Use Your HexArmor® 8180 Gloves:

Choose the size glove that will provide you with comfort, protection and dexterity. For proper fit, your fingers and thumb should be close to or at the tips of the glove fingers and thumb, and when clenching your fist, you should not feel excessive resistance. A sizing chart is available from HexArmor®. Call HexArmor® at 800-369-1800 (614-487-8197) to request a sizing chart.

Your HexArmor® 8180 must be cleaned and dried thoroughly before storage. Store your HexArmor® 8180 safely away from: sharp edges or objects that could cut or tear the gloves; direct sunlight or fluorescent light that could weaken or damage the leather; extreme temperatures that could dry or weaken the gloves; excessive moisture that could promote rot or mildew.

Donning and Doffing HexArmor® 8180 Gloves:

Pull on your HexArmor® 8180 gloves after putting on your other protective equipment. Check to be sure the gloves fit properly, that they are clean and dry, and that no gap appears between the glove cuff and your turnout gear. Grasp and pull your HexArmor® 8180 gloves to remove them. If your gloves have been exposed to hazardous materials, such as chemicals, acids or blood, avoid contact with the contaminated portions of the glove.

You should isolate and bag the contaminated gloves in a sealable, leak-proof bag. You should wear the size glove that provides comfort, protection and dexterity. If the glove is too loose, you may be unable to pick up or handle small objects. If the glove is too tight, it will reduce its ability to protect your hand from heat.

NFPA 1500, the Standard on Fire Department Occupational Safety and Health Programs, stipulates that the protective equipment worn by firefighters be properly sized and adjusted to overlap and eliminate gaps during use. You must check to ensure that your gloves interface properly with the sleeve of your turnout coat. In all ranges of motion, your hand, wrist and arm should remain covered by the glove or turnout coat. You must not wear the gauntlet style gloves if your turnout coat does not have a wristlet. If your turnout coat does not have a wristlet, you should wear gloves with a knit wristlet.

HexArmor®