When temperatures drop, don’t let your safety record take an unexpected nose dive. HexArmor® understands that safety doesn’t go on vacation when the snow starts flying. Properly outfitting your crew with cold weather PPE is one of the most important steps you can take to combat cold stress.

THE DANGERS OF COLD WEATHER

The most common cold weather injury is frostbite, which can occur suddenly in the event of contact with cold metal or super-cooled liquids, such as petroleum, oil, and lubricants. Gloves should always be worn to handle tools and equipment – never use bare hands on metal in the cold.

In addition to ensuring PPE has thermal properties, you need to make sure your workers’ hands stay dry. Water conducts heat away from the body 25 times faster than air, so wet hands are considerably more at risk of freezing. Fortunately, HexArmor® offers a variety of winter gloves with built-in waterproof liners.

CLO RATING COMPARISON

The insulation of clothes are often measured in the unit “Clo”, where:

- CLO = 0  Corresponds to a naked person
- CLO = 1  Corresponds to the insulating value of clothing needed to maintain a person in comfort sitting at rest in a room at 70° with air movement of 0.1 m/s and humidity less than 50%

Now, compare those to some of the most common thermal liners used in cold weather hand protection:

- C40 = 0.7 Clo
- C100 = 1.3 Clo
- G150 = 2.8 Clo
Technical specialists at 3M, the company that produces Thinsulate™ brand insulation, have identified the following variables that impact a person’s comfort level at a given temperature.

These variables include:

- GENDER
- GENERAL METABOLISM
- SPECIFIC ACTIVITY LEVEL
- ALTITUDE
- HUMIDITY
- WIND SPEED
- DURATION OF EXPOSURE
- BODY MASS INDEX

The list goes on. Every person is different, and some people will need more insulation than others for the same level of exposure.

BOTTOM LINE:
Field test gloves, use your best judgment, and train your employees to understand the risks of working out in the cold. Don’t rely on manufacturers claims without validating them yourself.

There are too many variables that impact whether or not a particular person is comfortable at a given temperature to guarantee performance.
4050
Arctic Mitt

- SuperFabric® brand material palm provides industry leading cut resistance (interior layer)
- Hipora® and G150 Thinsulate™ liners keep hands warm and dry
- Full Impact Exoskeleton™ with high-performance IR-X® smash guards
- Additional light padding underneath Impact Exoskeleton™ for extra impact resistance
- Durable TP-X® palm for oil-resistant grip
- Cinched cuff with reflective tape and drawstring cord for a snug fit
- Inner glove can easily be removed for cleaning

Available in sizes 7/S through 12/3XL

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4031
Arctic Gator®

- SuperFabric® brand material palm provides industry leading cut resistance (interior layer)
- Full Impact Exoskeleton™ with high-performance IR-X® smash guards
- H2X® and C40 Thinsulate™ interior liners keep hands warm and dry
- Durable TP-X® palm with reinforced stitching
- SlipFit® cuff with pull tab and nametag

Available in sizes 7/S through 12/3XL
2023

Rig Lizard Arctic®

- IR-X® Impact Exoskeleton™ with high-flex design
- Additional IR-X® guard between thumb and index finger
- H2X® and C40 Thinsulate™ interior liners keep hands warm and dry
- Durable TP-X® palm with reinforced stitching
- SlipFit® cuff with pull tab and nametag
- Protected by U.S. Patent No. D703,389

Available in sizes 7/S through 12/3XL

2026

Rig Lizard Arctic®

- IR-X® Impact Exoskeleton™ with high-flex design
- Additional IR-X® guard between thumb and index finger
- H2X® and C100 Thinsulate™ interior liners keep hands warm and dry
- Durable TP-X® palm with reinforced stitching
- SlipFit® cuff with Velcro® closure
- Protected by U.S. Patent No. D703,389

Available in sizes 7/S through 12/3XL
“I got these HexArmor® gloves for Winter construction work. After the first week, all the guys wanted a pair for themselves. They’re not bulky, so I have plenty of flexibility to do my job.”

Kevin L., Heavy Construction

2033
Rig Lizard Arctic®
- IR-X® Impact Exoskeleton™ with high-flex design
- Additional IR-X® guard between thumb and index finger
- H2X® and C100 Thinsulate™ interior liners keep hands warm and dry
- Genuine goatskin leather palm with unique stitching pattern and cut level 4 SuperFabric® (interior layer)
- SlipFit® cuff with pull tab and Velcro® closure
- Protected by U.S. Patent No. D703,389
Available in sizes 7/S through 12/3XL
4036
Chrome Series® Waterproof
• SuperFabric® brand material palm provides industry leading cut resistance (interior layer)
• Back-of-hand impact guards
• Durable TP-X® palm with reinforced stitching
• SlipFit® cuff with pull tab
Available in sizes 7/S through 12/3XL

4082
Chrome Series® Arctic
• SuperFabric® brand material palm provides industry leading cut resistance (interior layer)
• C40 Thinsulate® interior liner keeps hands warm
• Goatskin leather palm provides a traditional style of comfort and grip
• Velcro® cuff for a comfortable and precise fit
Available in sizes 7/S through 11/XXL
Need a little bit of extra insulation with your winter glove, or current work glove? We’ve got you covered. The 9859 fleece liner provides just the right boost of warmth to keep you working comfortably in cold conditions.

- 98% polyester, 2% spandex
- Slim, form-fitting design fits into your current gloves
- Launderable
- Sizes: 7/S - 10/XL

2123 Hex1® Arctic
- Back-of-thumb brow cloth
- Reinforced index finger and thumb saddle
- H2X® and C40 Thinsulate™ interior liners keep hands warm and dry
- Digital polyurethane palm with rubber print
- Neoprene cuff with pull tab and Velcro® closure
- Nametag on palm side of cuff
Available in sizes 6/XS through 11/XXL
## Cold Weather Gloves

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How to Properly Care for Your Gloves

HOW-TO: DONNING AND DOFFING
Gloves designed for extremely cold environments are often manufactured with more than one layer of material. Using more than one layer allows us to provide a durable glove with additional properties such as thermal insulation and water resistance.

Working with customers, we have found that the donning and doffing techniques outlined below can increase the durability and longevity of extreme cold weather gloves.

DONNING
Make sure all of the fingers are aligned and seated. Use one of these two techniques to seat your gloves.

DOFFING
Slightly bend the fingers of the hand from which you want to remove the glove, and grip the fingertips with your other hand. This will keep the layers seated inside the glove.

CLEANING*
Option 1: You can simply wash these gloves in a standard commercial washing machine in warm or cold water. Dry on medium or cool setting.

Option 2: Fill a 5 gallon bucket with warm water and two caps full of Simple Green®. Dip and scrub gloves as desired and hang dry, or dry as suggested in Option 1.

*Leather gloves are not washable, please check C&C tag for care instructions.
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.

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