Dromex

INFERNO GLOVES

NFPA

INFERNO

Description

Dromex® Inferno, structural firefighting gloves, provides the hands with protection against physical hazards, such as sharp edges or rough surfaces and contact flame and heat exposure.

These firefighting gloves consists of a functional multilayer construction, as follows:

- Soft cowhide leather, that is heavy duty and remains soft from repeated use.
- Polyurethane moisture barrier.
- Modacrylic and para aramid thermal layer (A modacrylic is a synthetic copolymer. Modacrylics are soft, strong, resilient and dimensionally stable. They can be easily dyed, show good press and shape retention, and are quick to dry. They have outstanding resistance to chemicals and solvents, are not attacked by moths or mildew and are non-allergenic. They are used are in apparel as linings.
- Kevlar stitches and Kevlar wristlet.

The multilayer protection provides high breathability, flexibility, comfort, excellent insulation and high abrasion resistance.

These gloves features the following:

- The Kevlar® wristlet cuff, secures the gloves to the hand providing extra protection from liquids seeping through.
- A Kevlar leather patch sewn on the palm for reinforcement and durability.

Gloves are an essential part of the overall protective ensemble and must work with the selected coat to provide a good interface for overall firefighter thermal and liquid protection.

Applications:

- Structural and wildland firefighting
- Rescue and extrication
- Heavy duty industries

Special Instructions

Although the manufacturer has examined these gloves under the system for ensuring quality of production by means of monitoring and inspection, we recommend that all gloves should be thoroughly inspected before use to ensure no damage is present.

None of the materials or processes used in the manufacture of these products are known to be harmful to the wearer. The gloves and information contained herein are designed to accommodate the basic safety requirements and standards for Personal Protective Equipment. Actual conditions of use cannot be directly simulated in a test environment, therefore it is the responsibility of the user and not the manufacturer or supplier to determine the suitability for intended use.

Compliance & Conformity

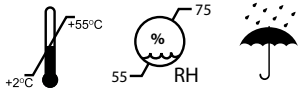
Meets with the requirements of NFPA 1971:2013 Edition: Standard on Protective Ensembles for Structural Fire Fighting.

Specifications

Style:	Cow leather, gunn cut, wing thumb glove with reinforced thumb and index finger, with a knitted wrist and continuous pull cuff.
Liner:	Hand layer is knitted composite modacrylic para-aramid fibre with a non woven urethane vapor barrier. Finger tacked.
Palm:	Tan suede cow leather 1.0 to 1.2mm with tan suede leather 1.0 to 1.2mm reinforcing.
Back:	Tan suede cow leather 1.0 to 1.2mm, shirred.
Thread:	Kevlar.
Cuff:	Yellow aramid knitted wrist cuff with a tan suede 0.8 to 1.0mm leather continuous pull.
Mass:	380g Per pair (size L).

Packaging, Storage & Obsolescence

INFERNO - Packed individually in a resealable plastic bag and sold as 1 pair. Store in a cool, dry place. Stored correctly, the gloves physical properties will not change for up to five years.



Cleaning & Maintenance

These gloves require careful cleaning to ensure the integrity of the glove is maintained. Gloves should not be left in a contaminated condition if re-use is intended especially if potential hazards exist.
Hand washing is recommended!
A recommended technique for washing your gloves is to put on the gloves and rub them together, using a mild cleaning product. A stiff bristle brush may help remove some of the imbedded combustion products. Rinse thoroughly in warm water. Drying of gloves should be air dried or tumble dried in cool air dryers.
Drying racks in well-ventilated areas assist in drying.
Do not turn these gloves inside out to dry as this may tear or damage the moisture barrier layer and or tear the inner lining. 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 and performance of the gloves.
Do not dry the gloves in direct or indirect sunlight, or in fluorescent light as this will reduce the strength and protective qualities of the gloves.
Do not wring dry your gloves as this may tear the vapour barrier.

The gloves may be gently squeezed with an absorbent material that will not contaminate the glove to remove excess water from the leather shell.
Do not dry clean as this will damage the gloves and reduce their protective qualities.

NOTE! The importance of decontaminating gloves.
You can be exposed to many hazardous substances on the job.
These substances can contaminate your gloves, and cause harm to you after your body contacts your gloves. Many fire combustion products including hydrocarbons, polynuclear aromatic compounds, metals such as cadmium and chromium, acids and soot are hazardous to the fire fighter. These substances can become embedded in the fibres of your gloves and contact with the user, the contaminants can enter the body through ingestion, absorption or inhalation. Particulates and other products of combustion can reduce the flame resistance of your gloves and increase the ability to conduct electricity. To reduce the risk of long-term harm from hazardous substances, present in the products of fire combustion you MUST decontaminate your gloves.

The use of commercially available cleaning products with a pH greater than 6.0 and less than 10.5 or specialty cleaners designed for NFPA 1971 gloves can be used. Always read the MSDS sheets before use.

Never use chlorine bleach or chlorinated products to clean your gloves. Even small amounts of chlorine will seriously reduce your gloves protective ability. Non-chlorinated bleaches are acceptable.

Should excessive or unknown contamination occur from accidental or incidental exposure to hazardous chemicals the gloves should be removed and replaced.

Latest update: 18/02/2022

INSPECTION, CLEANING, REPAIR, OBLOSECENSE & DISPOSAL LOG

GLOVE ID: INFERNO DATE OF PURCHASE: _____

DATE	ACTIVITY	ACTIVITY BY	DESCRIPTION OF ACTIVITY
	ISSUE		DATE ISSUED

INFO TAG

INFERNO

SHELL: COW LEATHER
THERMAL LAYER: MODACRYLIC/PARA-ARAMID
MOISTURE BARRIER: POLYURETHANE
WRISTLET: KEVLAR

VISIT OUR WEBSITE
www.dromex.net

WARNING
This glove alone may not provide protection for proximity, approach, or fire entry applications or protection from radiogical agents or all hazardous chemicals.

WASH CARE INSTRUCTIONS
User must clean, maintain and alter only in accordance with manufactures instructions. Wash in warm water with mild detergent, no chlorine bleach or other cleaning solvents. Hang dry.

INFO TAG

INFERNO

THIS STRUCTURAL FIRE FIGHTING PROTECTIVE GLOVE MEETS THE GLOVE REQUIREMENTS OF NFPA 1971 2013 EDITION

SIZE
XXX

Latest update: 18/02/2022

Warning

This glove alone may not provide protection for proximity, approach, fire entry or protection from radiological agents or all hazardous materials.
You MUST read all attached Safety, Cleaning and Information labels before wearing.
All information guides and tags must only be removed only by the intended user!
Burns are a function of time and temperature. First degree skin burns can occur when skin reaches a temperature as low as 118° F (47.8° C) and a fire burns at temperatures up to 2000° F (1093.3° C) or higher. These gloves provide limited protection against heat and flame in compliance with NFPA 1971. While wearing these Gloves, you may be burned without heat sensation or warning in some circumstances, and without any sign of damage to the Gloves.
Moisture in Gloves can reduce insulation and lead to scalding burns! Always make sure your gloves are dry before wearing them in any emergency situation. Dry your gloves between runs to reduce the risk of serious burn injuries. Inspect your gloves for holes and other damage, ensuring the elasticity of the cuff is good to prevent the penetration of moisture from the fire environment.

Putting on and Taking off gloves

When putting on the gloves make sure the glove is free from manufacturing defects and contamination or damage if new.
The continuous pull of the glove should be used to put on the gloves.
When taking off, make sure all excess contaminant are removed.
However, should this not be possible, it is advisable to ease off both the left and right hand using each other without allowing the bare hand/s to be in contact with the contaminated surface of the gloves.

NOTE! The importance of decontaminating gloves

You can be exposed to many hazardous substances on the job.
These substances can contaminate your gloves and cause harm to you after your body contacts your gloves. Many fire combustion products including hydrocarbons, polynuclear aromatic compounds, metals such as cadmium and chromium, acids and soot are hazardous to the fire fighter. These substances can become embedded in the fibres of your gloves and contact with the user, the contaminants can enter the body through ingestion, absorption or inhalation. Particulates and other products of combustion can reduce the flame resistance of your gloves and increase the ability to conduct electricity. To reduce the risk of long-term harm from hazardous substances, present in the products of fire combustion you MUST decontaminate your gloves.
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Never use chlorine bleach or chlorinated products to clean your gloves. Even small amounts of chlorine will seriously reduce your gloves protective ability. Non-chlorinated bleaches are acceptable.

Should excessive or unknown contamination occur from accidental or incidental exposure to hazardous chemicals the gloves should be removed and replaced.

Disposal

All industrial waste should be disposed of correctly according to local regulations and good disposal practice. Gloves should be disposed of considering the hazardous substances they were used for.
Please consider recycling.

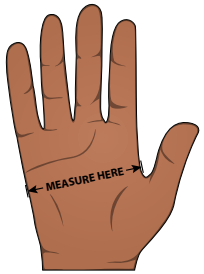
Sizes Available

Code	Size	Palm Length
INFERNO-M	8/9	125mm (±5mm)
INFERNO-L	9/10	130mm (±5mm)
INFERNO-XL	10/11	140mm (±5mm)

** As per the EN420 standard, actual measurement of gloves are determined by the manufacturer, taking into account the behaviour of the glove material, its thickness (such as leather gloves, PVC gloves etc), elasticity and the intended use.*

** Sizing charts only serve as a guide. Sizes and measurements are for reference only. In order to make an informed decision, always try on the gloves as each glove features a unique construction to accomodate a wearer's preferences.*

Measurement Guide



Materials

1. Wing thumb
2. Gunn cut
3. Re-enforced crotch between thumb and index finger
4. Yellow aramid knitted wrist cuff with tan suede leather continuous pull

Marking

SAFETY CHECKLIST

It is recommended that you do not use these gloves until you have checked "YES" to the following:

1. Have you completed formal training in structural firefighting compliant with the approved standard recognized by the relevant legislation and on the proper use of all equipment, including gloves?

☒ Yes ☒ No

2. Have you read and understood all the instructions and warnings throughout this guide, as well as all the safety, cleaning, information and limitations of the gloves?

☒ Yes ☒ No

3. Will you regularly inspect the Gloves inside and out for any tears, holes, thin spots, worn areas, dirt, contaminants, embrittlement, or any other conditions that may affect the performance of this glove?

☒ Yes ☒ No

4. Have you studied and understood the limitations of your gloves?

☒ Yes ☒ No

5. Have checked to make sure that your gloves fit properly?

☒ Yes ☒ No

6. Do you understand that when your skin reaches a temperature as low as 118° F (47.8° C) you will be burned, and that, in some situations, you may not feel a heat sensation or pain while wearing your gloves, or receive damage to your gloves prior to being burned?

☒ Yes ☒ No

7. Have read, understood, and agree to assume the risks of the intended hazards and take responsibility of ensuring the glove is cared and stored correctly for your own protection

☒ Yes ☒ No

If you answered NO to any of the questions - DO NOT WEAR THESE GLOVES – Until you have read and understand the sections of this document and or have been properly instructed by qualified instructors.

Latest update: 18/02/2022