



Honeywell
THE POWER OF **CONNECTED**

Gloves, Hoods and Suspenders
Accessories brochure

A Name You Can Trust

For more than 90 years, Honeywell has led the industry with one-of-a-kind products that combine safety, durability, and comfort to meet your ever-changing needs.

Comfort and Durability

Honeywell's unique materials, such as DIGIROO KANGAROO LEATHER, KEVLAR®/NOMEX® blend linings, and our own custom-blended carbon hood material, offer you comfort and durability while protecting you way above the NFPA minimum requirements.

Innovation and Selection

Offering you a vast array of wildland, proximity, technical rescue and recovery, utility, and general-purpose products.



**THE NUMBER ONE GLOVE
FOR EASY FLEXING,
EXCEPTIONAL DURABILITY
AND ABRASION RESISTANCE**

SUPER GLOVE™

Only the Super Glove contains patented Air Spacer™ Thermal Architecture. This architecture traps air for thermal protection without adding bulk to the glove. The unparalleled feeling of this glove is further enhanced with digital grip palms and fingers to maximize tactility and grip.



Certifications

Gauntlet Model GL-SGKCG

- NFPA 1971, Structural

Wristlet Model GL-SGKCW

- NFPA 1971, Structural
- NFPA 1999, EMS Work Gloves
- NFPA 1951, Technical Rescue and Recovery
- NFPA 1951, Technical Rescue/Utility
- NFPA 1992, Liquid Splash

Unique sizes: 2XS, XS, S, M, L, XL, 2XL, 3XL

DuPont™ and Kevlar® are trademarks or registered trademarks of E.I. du Pont de Nemours and Company. CROSSTECH, GORE, and designs are trademarks of W.L. Gore & Associates, Inc

① **Bubble-Flex Finger and Knuckle Construction**

Dead-air spacer ridges allow natural, unencumbered hand flexing (patented and patent pending)

Air Spacer™ Thermal Architecture

Traps air for thermal protection without adding bulk (patented and patent pending)

② **Ultra-thin, Ultra-strong Top Grain Kangaroo Leather on Glove Back**

For easy flexing, exceptional durability and abrasion resistance)

③ **True 3D Hand-shaped Styling**

Anthropomorphically correct 3D (three-dimensional) shape of the hand



④ **Black Digiroom™ Digital Kangaroo Grip Palms and Fingers**

For incredible durability, grip, and tactility with unparalleled feeling

⑤ **Black Eversoft Cowhide Cuffs**

Crosstech® Moisture Barrier and Kevlar® /Nomex® Thermal Liner

High-temperature resistance, stable and durable



DuPont™
Nomex.

DuPont™
Kevlar.



MAX Comfort. MAX Grip. MAX TPP.

TMAX GLOVE

Designed for Maximum Thermal Protection

The blend of materials gives this glove excellent dexterity and comfortable feel. Goatskin palm provides superior guiding mechanism while the cowhide thumb and fingers offer secure grip when working with hoses and ropes. The glove incorporates the Pyrotect® by Insert Technology, Inc. moisture barrier for increased breathability. The published TPP certification results for the TMAX are well above the NFPA standard, with a TPP rating > 60. This means extra protection without sacrificing dexterity.



- ① **Goatskin Palm and Finger Fourchettes**
Goat-lined palm gives control and ease of movement when using hoses and rope coupled with unmatched dexterity of fingers to allow better gripping power with less finger and thumb fatigue.
- ② **Goatskin Knuckle Pad**
Knuckle pad protects knuckles when working and provides additional air pockets for heat and compression protection.
- ③ **Pyrotect® by Insert Technology, Inc. Moisture Barrier**
Provides breathability while remaining waterproof. Aids glove in resistance to common chemicals, blood, and other bodily fluids.
- ④ **Cowhide Thumb and Fingers**
Provides exceptional grip when working with hoses and ropes.
- ⑤ **Wear Guard**
For added protection at the thumb and forefinger joint.
- ⑥ **Gauntlet Cuff**
Cowhide Glove Body

Certifications

Model GL-TMAXG

- NFPA 1971

Regular sizes: 2XS, XS, S, M, L, XL, 2XL Regular body, fingers, and thumb.

Pyrotect® is a registered trademark of Insert Technology, Inc



**THE ONLY CONVERTIBLE GLOVE
THAT CAN BE WORN AS A WRISTLET
OR AS A GAUNTLET**

ECLIPSE™ GLOVE

The Convertible Cuff is a great accomplishment in glove design. The convertible cuff is patented and exclusive to our Eclipse™ gloves. Wear as a wristlet-style glove or fold back to convert to gauntlet-style glove. The extra-wide cuff, coupled with the two-ply Nomex®spandex fold-back wristlet, makes donning easy. The DuPont™ Nomex® fibers in the cuff provide superior strength and durability as well as high levels of thermal protection, standing up to the heat.

WING THUMB™ VS. SWING THUMB™

Honeywell's engineered Swing Thumb design – standard on all Eclipse series gloves – is an ergonomically-correct thumb for Structural gloves. Unlike the traditional wing thumb or straight thumb found in other firefighter gloves, the swing thumb bends in opposition to the fingertips, mimicking the motions of the human hand.



Certifications

Model GL-8700

- NFPA 1971

Model GL-6400

- NFPA 1971

Model GL-5400

- NFPA 1971



Wing Thumb™

Swing Thumb™



Unique sizes: 2XS, XS, S, M, L, XL, 2XL, 3XL Slightly shorter fingers, and unique swing thumb.

- ① **Anti-slash Strips**
Provide an extra band of protection to the palm and first knuckle while enhancing the wearer's grip.
- ② **360° Inner Pull Tab**
Extra strength wherever you pull, and round shape holds glove open for better drying.
- ③ **Extra-wide Opening**
Makes getting a wet glove off and on easier

Gauntlet and Wristlet Styles

NFPA 1500 allows firefighters to choose between gauntlet gloves and ones with wristlets. Honeywell offers the widest selection of both styles, as well as the unique "convertible cuff" that is standard on our Eclipse™ models 5400, 6400, and 8700. All wristlet-style gloves include leather pull tabs as well.

- ④ **Convertible Cuffs Eclipse™ gloves**
Wear as a wristlet-style glove or fold back to convert to a gauntlet-style glove.
 - Two Outer Shell Leather Choices
 - Kangaroo palm and elk back
 - Thermo cowhide palm and elk back

Three Moisture Barrier Choices

- Crosstech®
- Pyrotech™
- Pro-Tect™



DuPont™ and Kevlar® are trademarks or registered trademarks of E.I. du Pont de Nemours and Company. CROSSTECH, GORE, and designs are trademarks of W.L. Gore & Associates, Inc

DuPont™
Nomex®

DuPont™
Kevlar®

Glove Models and Specifications

Structural – Regular and Cadet Sizes



GL-SGKCG Super Glove™

- Kangaroo back and Digiroom™ palm outer shell
- Crosstech® moisture barrier
- Kevlar® Nomex® lining
- 3D pattern
- Wing Thumb™ with gauntlet cuff
- NFPA 1971

Regular Sizes:

2XS, XS, S, M, L, XL,
2XL, 3XL

*Regular body, fingers,
and thumb*

Cadet Sizes:

2XS, XS, S, M, L, XL,
2XL, 3XL

*Regular body with shorter
fingers and thumb.*



GL-SGKCW Super Glove™

- Kangaroo back and Digiroom™ palm outer shell
- Crosstech® moisture barrier
- Kevlar® Nomex® lining
- 3D pattern
- Wing Thumb™ with gauntlet cuff
- NFPA 1971, NFPA 1999,
• NFPA 1951, NFPA 1992

Regular Sizes:

2XS, XS, S, M, L, XL,
2XL, 3XL

*Regular body, fingers,
and thumb*

Cadet Sizes:

2XS, XS, S, M, L, XL,
2XL, 3XL

*Regular body with shorter
fingers and thumb*



GL-7500

- Thermo cowhide outer shell
- Pro-Tect™ Moisture Barrier
- SEF lining
- 2D pattern
- Wing Thumb™
- Two-ply Nomex® spandex wristlet with leather pull-tab cuff
- NFPA 1971

Regular Sizes:

2XS, XS, S, M, L, XL,
2XL, 3XL

*Regular body, fingers,
and thumb*

Cadet Sizes:

S, M, L, XL

*Regular body with shorter
fingers and thumb*

Structural – Regular Sizes



GL-TMAX

- Elk outer shell
- Crosstech moisture barrier
- Kevlar® Nomex® Lining
- 2D pattern
- Wing Thumb™
- Leather gauntlet cuff
- Elk palm strap
- NFPA 1971

Regular Sizes:

2XS, XS, S, M, L, XL,
2XL

*Regular body, fingers,
and thumb.*

Structural – Special Sizes



GL-9500 Fire Mate™

- Kangaroo back and Digiroo™ palm outer shell
- Crosstech® moisture barrier
- Kevlar® Nomex® lining
- 3D pattern
- Wing Thumb™ with gauntlet cuff
- NFPA 1971

Special Sizes:

2XS, XS, S, M, L, XL, 2XL, 3XL

Shorter fingers and thumb with extended body size.

GL-9550 Fire Mate™

- Kangaroo palm and elk back outer shell
- Crosstech® moisture barrier
- Kevlar® Nomex® lining
- 2D pattern
- Wing Thumb™
- Leather gauntlet cuff
- NFPA 1971

Special Sizes:

2XS, XS, S, M, L, XL, 2XL, 3XL

Shorter fingers and thumb with extended body size.

Structural – Unique Sizes



GL-8700 Eclipse™

- Kangaroo palm and elk back outer shell
- Pyrotech® moisture barrier
- Kevlar® Nomex® lining
- 2D pattern
- Swing Thumb™
- Convertible cuff
- 360° inner pull tab
- Extra-wide opening
- NFPA 1971

Unique Sizes:

2XS, XS, S, M, L, XL, 2XL, 3XL

Slightly shorter fingers, and unique swing thumb.

GL-6400 Eclipse™

- Thermo cowhide palm and elk back outer shell
- Crosstech® moisture barrier
- SEF lining
- 2D pattern
- Swing Thumb™
- Convertible cuff
- 360° inner pull tab
- Extra-wide opening
- NFPA 1971

Unique Sizes:

2XS, XS, S, M, L, XL, 2XL, 3XL

Slightly shorter fingers, and unique swing thumb.

Proximity – Regular Sizes



GL-BPR-RGA

- Aluminized Pbi® /Kevlar® and elk palm outer shell
- Crosstech® moisture barrier
- SEF lining
- 3D pattern
- Wing Thumb™ with gauntlet cuff
- NFPA 1971

Regular Sizes:
2XS, XS, S, M, L, XL, 2XL

Regular body, fingers, and thumb.



GL-BPR-RWA

- Aluminized Pbi® /Kevlar® and elk palm outer shell
- Crosstech® moisture barrier
- SEF lining
- 3D pattern
- Wing Thumb™ with wristlet cuff
- NFPA 1971

Regular Sizes:
2XS, XS, S, M, L, XL, 2XL

Regular body, fingers, and thumb.

EMS – Regular and Cadet Sizes



**GL-SGKCW
Super Glove™**

- Kangaroo back and Digiroo™ palm outer shell
- Crosstech® moisture barrier
- Kevlar® Nomex® lining
- 3D pattern
- Wing Thumb™ with wristlet cuff
- NFPA 1999, NFPA 1971,
- NFPA 1951, NFPA 1992

Regular Sizes:
2XS, XS, S, M, L, XL,
2XL, 3XL

Regular body, fingers, and thumb

Cadet Sizes:

2XS, XS, S, M, L, XL,
2XL, 3XL

Regular body with shorter fingers and thumb.

EMS – Regular and Cadet Sizes



**GL-UTL-HV
GL-UTL-HVK**

- Synthetic leather and hi-viz spandex outer shell
- Kevlar® lining, model GL-UTL-HVK only
- 2D pattern
- Wing Thumb™
- Neoprene with TPR hook and loop closure

Regular Sizes:
S, M, L, XL

Regular body, fingers, and thumb.



**GL-SGKCW
Super Glove™**

- Kangaroo backand Digiroo™ palm outer shell
- Crosstech® moisture barrier
- Kevlar® Nomex® lining
- 3D pattern
- Wing Thumb™ with wristlet cuff
- NFPA 1999, NFPA 1971,
- NFPA 1951, NFPA 1992

Regular Sizes:
2XS, XS, S, M, L, XL,
2XL, 3XL

Regular body, fingers, and thumb.

Cadet Sizes:
2XS, XS, S, M, L, XL,
2XL, 3XL

Regular body with shorter fingers and thumb.



GL-9500 Fire Mate™

- Kangaroo palm and elk back outer shell
- Crosstech® moisture barrier
- Kevlar® Nomex® lining
- 2D pattern
- Wing Thumb™
- Two-ply Nomex® spandex wristlet with leather pull tab
- NFPA 1951, NFPA 1971

Special Sizes:

2XS, XS, S, M, L, XL,
2XL, 3XL

Shorter fingers and thumb with extended body size.





HOOD-TO-AIR MASK INTERFACE PERFECTED

MASKMATE™ HOOD

The hood design requirements in NFPA 1971 date back to the pre-nose-cup and even the pre-positive-pressure era. Air masks of that time were far more oval or circular in shape, and the hood design requirements reflected that. Since then, air masks have continuously evolved and today are anything but oval or circular. Today's air masks also allow attachments for communication devices and other options. Traditional hood designs can contribute to field-of-view reduction by creating a face opening that often bunches up and is uncomfortably snug around the neck. The Honeywell MaskMate™ Hood improves the air mask-to-hood interface with an opening that adapts to face, neck, and air mask size and shape.

TRADITIONALFACE
OPENING DESIGN



MASKMATE™
ADAPTIVE FACE
OPENING DESIGN



The new design is engineered to maximize field of view without compromising an effective and safe overlap between the hood and the edge of any contemporary air mask lens or gasket. The Honeywell MaskMate™ Hood also offers maximum comfort while stowed by providing the largest face opening and yet at the same time maintaining its third party certified designation for universal fit to all brands of air masks currently on the market.

**Multiple Patents
/Patents Pending**

Assure customer they will get Honeywell design and quality

- ① **Adaptive Design Face Opening**
Widest field of view; greatly improved peripheral vision; added size of the face opening allows the hood to be stowed down and around all neck sizes with maximum comfort; effective interface and overlap with edge of air mask lens
- ② **Unique Differentiated Construction**
Easy and faster for Routine and Advanced Inspections; easier to maintain and separate in inventories; easily identifiable when issued and/or in use
- ③ **Comfort Top Pattern (Patented)**
Eliminates front to rear seam on peak of head.



MODEL NUMBER	MATERIAL	TPP AS RECEIVED	TPP AFTER 5 W/D
HD-CKCK-SQ	Carbon/Kevlar/Lenzing	28.77	35.53
HD-PLPL-SQ	Pbi/Lenzing	22.3	29.6
HD-NLNL-SQ	Nomex / Lenzing	23.9	31.3
HD-NXNX-SQ	100% Nomex	26.43	27.83

**DuPont™
Nomex®**

DuPont™ and Nomex® are trademarks or registered trademarks of E.I. du Pont de Nemours and Company.

A REVOLUTION IN PARTICULATE PROTECTION



HONEYWELL LIFE GUARD HOOD

The Life Guard Hood blocks particulates to reduce exposure to toxins.

The Life Guard particulate resistant hood is Honeywell's latest breakthrough in safety and comfort for first responders. Your neck, and throat are highly sensitive to toxins, and the Life Guard Hood is specifically engineered to protect these vulnerable areas with a resilient, lightweight design that's as comfortable as it is dependable.

How it Works

The hybrid design gives protection where it's needed most while optimizing comfort and utility. By replacing the traditional "sock hood" design with a lighter, looser fit, the Life Guard Hood promotes the safe flow of air around your head and neck while a trusted moisture barrier blocks exposure to hazardous particulates. The result: an innovative hood that is lightweight, comfortable, and keeps you dry even after long hours of wear. It may look different, but the Life Guard Hood deploys just like a traditional hood and readily integrates with your self-contained breathing apparatus (SCBA) and turnout gear to ensure the highest level of protection.

Why it Matters

New building materials have made structure fires far more hazardous. Modern synthetics release harmful gases and toxins when burned. Studies show that the skin and glands of the neck and face are especially prone to absorbing toxins, and some cancer rates have now been proven to be higher for firefighters than the general population (see the Firefighter Cancer Support Network's white paper on Cancer in the Fire Service for more info).

FEATURES & BENEFITS

Advanced Design

Revolutionary new hood concept designed by Honeywell's top garment design and engineering team balances protection, comfort and utility.

Protective

Blocks carcinogenic particulates in both air and water. The loose design promotes safe airflow around the head and neck.

Durable

Tough, proven materials increase resilience and wear life.

Breathable

Lightweight materials maximize breathability and minimizes heat stress.

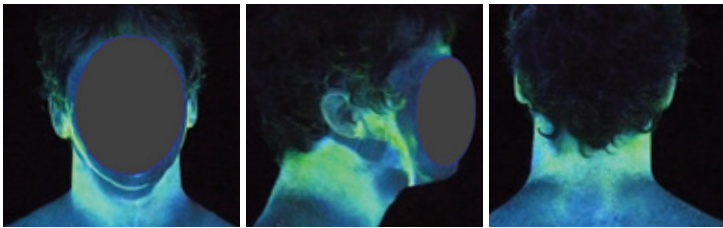


FAST Testing TOP 10-2-022

The groundbreaking particulate exposure test conducted by the IAFF in 2015 opened all of our eyes to the issue of particulate penetration through traditional hoods.

Honeywell repeated this exact test with the Life Guard Hood with outstanding results. The Fluorescent Aerosol Screening test (FAST) test demonstrated actual particulate resistance of the complete product in a simulated fire environment.

Traditional Hood - IAFF Jan. 20151



Life Guard Hood - Honeywell 20161



¹Median particulate diameter, 150 mg/m3, 10mph wind speed, 30 minute exposure, standard motion routing, same test subject.

Note: Exposure on chin of Life Guard results due to doffing SCBA with contaminated hands rather than particulate penetration.



- ① Knit Comfort Top without barrier for natural ventilation
- ② 3 layer composite with seam sealed barrier to reduce particle penetration
- ③ Mask Mate™ face opening
- ④ Knit only drape to avoid excessive bulk

BY THE NUMBERS

● Barrier Composite Material

● Knit Material

99%*

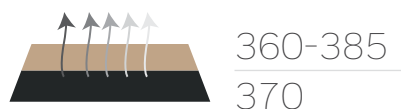
Particle Filtration Efficiency



Thermal Protective Performance (TPP)



Breathability - Total Heat Loss (THL)



Weight - Lightweight



Laundrying - Durable



*per modified ASTM F2299 as proposed by NFPA 1971 for barrier hoods.

**performed 50 advanced cleaning cycles (50 wash, 100 dry cycles) per NFPA 1851.



Ordering Information

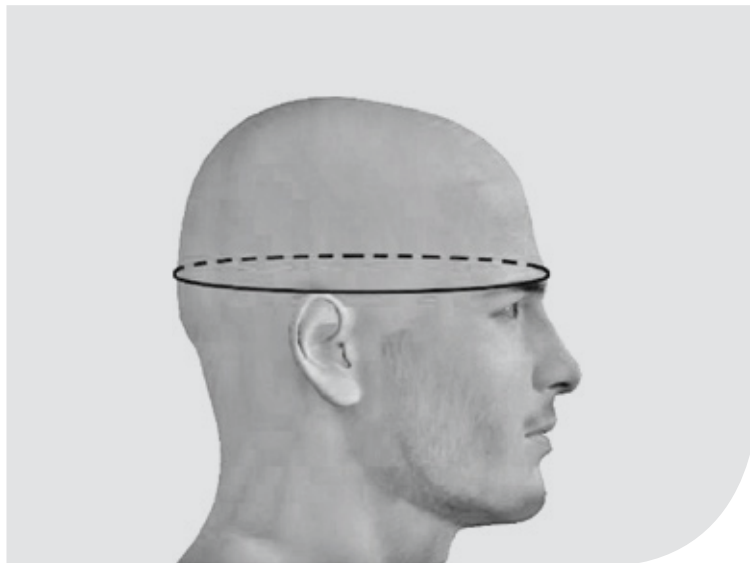
TWO COLOR OPTIONS

Part No.	Description
HD-213N-PRB-Size	Nomex® - Black
HD-213N-PRT-Size	Nomex® - Tan

Life Guard Hood Sizing

FOUR SIZE OPTIONS

Hood Size	Head Circumference ¹	Dress Cap Size
Small	20" - 21 3/4"	6 1/2", 6 5/8", 6 3/4"
Medium	21 7/8" - 22 7/8"	6 7/8", 7", 7 1/8"
Large	23" - 24"	7 1/4", 7 3/8", 7 1/2"
X-Large	24 1/8" - 25 1/4"	7 5/8", 7 3/4", 7 7/8", 8"



¹Head circumference is measured by the maximum circumference of the head above the ears to just above the ridges of the eyebrows, and around the back of the head.

Suspender Models

Model S85



H-Back Action Design, Padded, Quick-release Tab

Total length when laid flat, fully extended, is 41", fits traditional pants.

Materials

- Straps: red polypropylene, non-elastic, 2" wide, .0625" thick, 400 minimum tensile strength
- Padding: blue nylon, 2.25" wide, 3.75" thick, 13" long
- Elastic: 2" wide, .125" thick, double layer, 2" long for each of 8 button clips
- Reflective piping: silver, 25" wide, outer edge and two ends of blue
- Clips: eight metal clips for button attachment, spring clips to hold button firmly yet swivel freely
- Quick-release tab: black, metal tighten-up pulls, extra-large brass D-ring

Construction

- Flexion connection; H-back action design
- H-back stitched high in back preventing straps from sliding off shoulders
- Red polypropylene straps sewn to blue nylon padding to prevent twisting of strap inside padded area

Options

- All modifications to base model S85 are performed by Honeywell in the U.S.A.
- S85XL – 48" total length when laid flat, fully extended; fits traditional pants

Model S45H



Traditional Crossover

42" total length when laid flat, fully extended; fits traditional pants

Materials

- Straps: polypropylene red, heavy-duty elastic, 2" wide, .055" thick, 400 min tensile strength
- Attachment point elastic: .5" wide, double layer, 5.5" long for each of 8 button tabs
- Leather tabs: eight leather tabs for button attachment

Construction

- Crossover style, heavy-duty elastic
- Crossed in rear with leather back patch
- Leather tabs

Model S94



Wildland

Green webbing with yellow WILDLAND FIRE FIGHTER in the webbing

Materials

- Body straps: polypropylene, non-elastic, 2" wide, .0625" thick, 400 min. tensile strength, 33" long
- Attachment straps: polypropylene elastic, 2" wide, .0625" thick, double layer, 4.5" long for each of 4 locations
- Clips: four metal alligator clips for pant attachment

Construction

- Flexion connection: H-back action design
- H-back stitched high in back, preventing straps from sliding off shoulders
- Fully extended length: 48"
- All attachment folds are .75" long, double-layered and double-stitched for added strength
- Extra-duty shiny chrome finish alligator clip attachments



Quick-release System with Padded Shoulders

Honeywell offers a wide variety of superior construction advantages, which are featured variously among the models.

Quick-release System

- Suspenders featuring this option allow the wearer to instantly snug the suspenders by pulling down on brass D-rings, or to release suspender tension for trouser removal by flipping the convenient release levers.

Padded Shoulders

- S85 padded-shoulder models feature just the right degree of softness without slippage.

Length Adjustment Mechanisms

- Suspenders are equipped with 2 types of length adjusters – traditional 3-bar slides and, on our S85 model, our quick-release adjuster. Pull down on the brass D-rings to tighten, and lift up on the black metal lever to loosen.



Brass Spring and Alligator Clip Attachments

Non-stretch Shoulder Straps

- Utilizing shorter elastic sections with main sections of non-elastic material keeps the suspenders from stretching out and becoming ineffective.

Attachment Methods

- Brass spring clips at 6 or 8 points Spring clips hold buttons firmly, yet swing freely.
- Alligator clips at 4 points Heavy-duty alligator clip attachment with a shiny chrome finish, fits any gear.
- Leather tabs at 8 points for button attachment



Leather tabs attachment

Four Choices in Suspenders

H-back action design (two options)

- These suspenders are stitched high in the back, preventing the straps from sliding off the shoulders.

Traditional crossover design

- The crossover style suspender is crossed in the rear and attached to a leather patch, providing traditional fit and comfort.

Wildland

- These popular suspenders were designed with the wildland firefighter in mind. The dark green, non-elastic straps feature the words WILDLAND FIRE FIGHTER in yellow in the webbing.

Exclusive Corporate Sponsor



Honeywell is proud to be the exclusive corporate sponsor of the United States Fire Administration /National Fallen Firefighter Foundation's National Fire Service Vulnerability Assessment Project.

Proudly Supporting



IAFC

International Association of Fire Chiefs



The IAFF

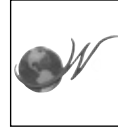
Fire Fighters Burn Foundation



Firefighter Cancer Support Network



International Association of Black Professional Fire Fighters



International Association of Women in Fire & Emergency Services



NFFF

National Fallen Firefighters Foundation



NVFC

National Volunteer Fire Council



FDSOA

Fire Department Safety Officers Association



Congressional Fire Services Institute



ISFSI

International Society of Fire Service Instructors



NFPA

National Fire Protection Association



FEMSA

Fire Equipment Manufacturers & Suppliers Association

For more information

www.honeywellsafety.com

Technical Service: 800.873.5242

Honeywell First Responder

#1 Innovation Court

Dayton, Ohio 45414

Tel: 800-688-6148

www.honeywell.com

HFR.118

© 2017 Honeywell International Inc.

Honeywell