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.
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
MAX Comfort. MAX Grip. MAX TPP.
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.

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.

Goatskin Knuckle Pad
Knuckle pad protects knuckles when working and provides additional air pockets for heat and compression protection.

Pyrotect® by Insert Technology, Inc. Moisture Barrier
Provides breathability while remaining waterproof. Aids glove in resistance to common chemicals, blood, and other bodily fluids.

Cowhide Thumb and Fingers
Provides exceptional grip when working with hoses and ropes.

Wear Guard
For added protection at the thumb and forefinger joint.

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.

Anti-slash Strips
Provide an extra band of protection to the palm and first knuckle while enhancing the wearer’s grip.

360° Inner Pull Tab
Extra strength wherever you pull, and round shape holds glove open for better drying.

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.

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®
• Pyrotec™
• Pro-Tect™

Certifications
Model GL-8700
• NFPA 1971
Model GL-6400
• NFPA 1971
Model GL-5400
• NFPA 1971

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

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CROSSTECH, GORE, and designs are trademarks of W.L. Gore & Associates, Inc.
### Glove Models and Specifications

<table>
<thead>
<tr>
<th>Glove Model</th>
<th>Description</th>
</tr>
</thead>
</table>
| **GL-SGKCG Super Glove™** | - Kangaroo back and Digiroo™ 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  

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

**Regular body, fingers, and thumb.** |

| **GL-SGKCW Super Glove™** | - Kangaroo back and Digiroo™ palm outer shell  
- Crosstech® moisture barrier  
- Kevlar® Nomex® lining  
- 3D pattern  
- Wing Thumb™ with gauntlet cuff  

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

**Cadet Sizes:**  
S, M, L, XL  

**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  

**Cadet Sizes:**  
S, M, L, XL  

**Regular body with shorter fingers and thumb.** |

| **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.** |
<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
<th>Sizes</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>GL-9500 Fire Mate™</td>
<td>Kangaroo back and Digiroo™ palm outer shell, Crosstech® moisture barrier, Kevlar® Nomex® lining, 3D pattern, Wing Thumb™ with gauntlet cuff, NFPA 1971</td>
<td>2XS, XS, S, M, L, XL, 2XL, 3XL</td>
<td>Shorter fingers and thumb with extended body size.</td>
</tr>
<tr>
<td>GL-9550 Fire Mate™</td>
<td>Kangaroo palm and elk back outer shell, Crosstech® moisture barrier, Kevlar® Nomex® lining, 2D pattern, Wing Thumb™, Leather gauntlet cuff, NFPA 1971</td>
<td>2XS, XS, S, M, L, XL, 2XL, 3XL</td>
<td></td>
</tr>
<tr>
<td>GL-6400 Eclipse™</td>
<td>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</td>
<td>2XS, XS, S, M, L, XL, 2XL, 3XL</td>
<td>Slightly shorter fingers, and unique swing thumb.</td>
</tr>
</tbody>
</table>
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

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
Regular body, fingers, and thumb.

Cadet Sizes:
2XS, XS, S, M, L, XL, 2XL, 3XL
Regular body with shorter fingers and thumb.

GL-UTL-HV
- 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 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.

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
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.

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

### Adaptive Design Face Opening
Wide 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

### 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

### Comfort Top Pattern (Patented)
Eliminates front to rear seam on peak of head

### Material Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Material</th>
<th>TPP As Received</th>
<th>TPP After 5 W/D</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD-CXCK-SQ</td>
<td>Carbon/Kevlar/Lenzing</td>
<td>28.77</td>
<td>35.53</td>
</tr>
<tr>
<td>HD-PLPL-SQ</td>
<td>Pbi/Lenzing</td>
<td>22.3</td>
<td>29.6</td>
</tr>
<tr>
<td>HD-NLNL-SQ</td>
<td>Nomex / Lenzing</td>
<td>23.9</td>
<td>31.3</td>
</tr>
<tr>
<td>HD-NXNX-SQ</td>
<td>100% Nomex</td>
<td>26.43</td>
<td>27.83</td>
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</tbody>
</table>

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. 2015

Life Guard Hood - Honeywell 2016

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.

BY THE NUMBERS

<table>
<thead>
<tr>
<th>Barrier Composite Material</th>
<th>Knit Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal Protective Performance (TPP)</td>
<td>Weight - Lightweight</td>
</tr>
<tr>
<td>24</td>
<td>15.2 osy</td>
</tr>
<tr>
<td>28</td>
<td>16.0 osy</td>
</tr>
<tr>
<td>Breathability - Total Heat Loss (THL)</td>
<td>Laundering - Durable</td>
</tr>
<tr>
<td>360-385</td>
<td>50+ washes**</td>
</tr>
<tr>
<td>370</td>
<td></td>
</tr>
</tbody>
</table>

*99%* Particle Filtration Efficiency

*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

<table>
<thead>
<tr>
<th>TWO COLOR OPTIONS</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No.</td>
<td>HD-213N-PRB-Size</td>
</tr>
<tr>
<td></td>
<td>Nomex® - Black</td>
</tr>
<tr>
<td>HD-213N-PRT-Size</td>
<td>Nomex® - Tan</td>
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</table>

<table>
<thead>
<tr>
<th>FOUR SIZE OPTIONS</th>
<th>Head Circumference</th>
<th>Dress Cap Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hood Size</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small</td>
<td>20” - 213/4”</td>
<td>61/2”, 65/8”, 63/4”</td>
</tr>
<tr>
<td>Medium</td>
<td>217/8” - 227/8”</td>
<td>67/8”, 7”, 71/8”</td>
</tr>
<tr>
<td>Large</td>
<td>23” - 24”</td>
<td>71/4”, 73/8”, 71/2”</td>
</tr>
<tr>
<td>X-Large</td>
<td>241/8” - 251/4”</td>
<td>75/8”, 73/4”, 77/8”, 8”</td>
</tr>
</tbody>
</table>

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

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

Materials
- Straps: red polypropylene, non-elastic, 2” wide, 0.0625” thick, 400 minimum tensile strength
- Padding: blue nylon, 2.25” wide, 3.75” thick, 13” long
- Elastic: 2” wide, 0.125” 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

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

Green webbing with yellow WILDLAND FIRE FIGHTER in the webbing

Materials
- Body straps: polypropylene, non-elastic, 2” wide, 0.0625” thick, 400 min. tensile strength, 33” long
- Attachment straps: polypropylene elastic, 2” wide, 0.0625” 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
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.

**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

**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-elastistraps feature the words WILDLAND FIRE FIGHTER in yellow in the webbing.
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.

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