

# Servus Footwear

Rubber and Leather Fire Fighting Boots

*Project HEROES®..the PPE of the Future is NOW AVAILABLE!* See Pages 14-15 for Details.

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**New Lightweight Rubber Boot**



**2009 Catalog**

**SERVUS®**  
by Honeywell

## Honeywell First Responder Products

Honeywell First Responder Products (formerly Total Fire Group) is a team of dedicated, experienced, fire service technical marketing professionals.

We represent the leading products in the emergency, rescue and fire service fields, including clothing, helmets, boots, hoods, gloves, rehabilitation products and more.

## Mission Statement

To market unique, high-quality, value-in-use products with an emphasis on quality, innovation, integrity, safety and service.

## Background Information

You should also consult the Honeywell First Responder Products Reference Guide, available from our Customer Service Department, as you consider your choices in protective product. It offers important information on:

- NFPA, OSHA and international standards on protective gear and equipment.
- Recent research and the resulting implications for appropriate protective technology design.
- Details on available Level Payment Purchase, Quartermaster and Complete Care Programs for our products – Total PPE.
- A full listing of available technical support personnel through Honeywell First Responder Products including direct-dial numbers and email addresses.

Proud Supporters of the National Fallen Firefighters Foundation and the Firefighter Cancer Support Network



Cover Photo by District Chief Chris Mikal  
New Orleans Fire Department Photo Unit

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The Quality System for Servus Footwear is certified to ISO 9001:2000  
NFPA 1851 Structural and Proximity PPE Selection, Care and Maintenance DVD Now Available...Please See Price List.

Contact us about Fireman's Fund Grants.



**Fireman's Fund®  
Insurance Company**

Visit our website **HONEYWELLFIRSTRESPONDER E-NEWS** to subscribe to our totally free e-newsletter on first responder happenings, new products, new studies, and new standards.

### Compare Before You Buy!

Many times, departments specify brands because they are familiar with them and because a trusted dealer has that brand to offer. We understand this: but when it comes to field test wins, the number of innovative patents held, the number of departments converted and the number of research grants issued, none of our competitors come close. And our lead continues to grow.

We urge you to “Compare Before You Buy.” Don’t just believe our competitors’ sales pitches. In fact, don’t believe ours! Make US put our products where our mouths are...make us PROVE our superiority by field testing our products.

### Catalogs

For a comprehensive list of all of our products and the unique safety, comfort, and technological advantages, please see our Honeywell First Responder Products catalogs, price lists and Reference Guide available in printed format, as well as on a single convenient CD in pdf format. They may also be downloaded from our website.

### Fire Department Presentations and Local and Regional Seminars

In some cases, just reading, understanding, and then comparing our products’ unique advantages is enough, while other products require a hands-on demonstration to truly appreciate their superiority. Along with your local dealers, we sponsor cost-free, hands-on demonstrations and regional seminars. When we demonstrate for you the comfort and quality of our products, and show you the features that make Honeywell First Responder Products the most protective in the industry, you’ll quickly realize that you shouldn’t continue to work without them. And,

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we’ll show you how affordable the best really is. It isn’t necessary to accept less than the best, and we’ll be glad to show you how. But don’t take our word for it...let us supply you with the facts, case studies and references from other fire departments that refuse to buy less than the best. Contact us today for a presentation in your fire station or for information on seminars in your area.

### No- or Low-Cost Field Test Program

We do not ask you to accept its word on the superiority of Ranger products. Our competitive, unparalleled field test program allows you to verify the superiority of the Servus product line for yourself. No- and low-cost programs can be arranged by contacting our Customer Service Department.

### Factory Support and Service

With a team of more than a dozen product experts in the field (most of whom are firefighters) and an inside marketing team of more than 20, we are here when you need us. Whether you need a presentation at your department, quick lab work, or help with specifications, we are always ready to serve you. Our team of dedicated professionals offers you immediate access to answer your questions and provide you with any and all information you might require.

### Selection

Servus customers also benefit from unparalleled selection. No other rubber protective fire boot manufacturer offers a line as wide and varied. Servus is proud of its technically sophisticated and innovative products.

### Experience and Dependability

Fighting fires is anything but a typical nine-to-five job. Literally, every day can

present a life and death situation. And with no two calls ever being the same, consistently dependable fire gear is of the utmost importance.

That’s why when Servus started designing fire boots over 50 years ago, we made a commitment to always set a higher standard of protection for the men and women who are committed to this profession. As a leader in the industry, Servus boots are chosen time and time again for their comfort and protection.

### Delivery

We are committed to maintaining inventory of our products. This the Honeywell First Responders Products’ team to fill most orders very quickly. As a result, most orders are shipped within 2 or 3 work days.R

All Products Featured in this Catalog are Proudly Union Made in North America



Model 9502

**NEW!**



Model 1408



Model 6314



Model 3006

## State-of-the-art Manufacturing Facilities

For over 50 years, Servus has set the standard as the leading manufacturer of fire fighting footwear. Servus' name is synonymous with quality. The company has built its reputation by producing the highest quality, state-of-the-art, firefighter boots in the industry. We provide a determined commitment to product development and investment in research and development that is second to none.

Servus believes that its unique combination of top-notch customer service, broad production capabilities and superior compliance to NFPA standards, combined with competitive pricing, provides unique advantages over foreign manufacturing organizations.

Servus is proud of its commitment to firefighters worldwide!



## Multiple End User Contracts

Many times, personal protective equipment is available to departments without going to bid, no matter what the dollar value or the quantity. Honeywell First Responder Products and its distributors often participate in what would be classified as Multiple End User Contracts. Generally, these types of contracts fall into the following categories:

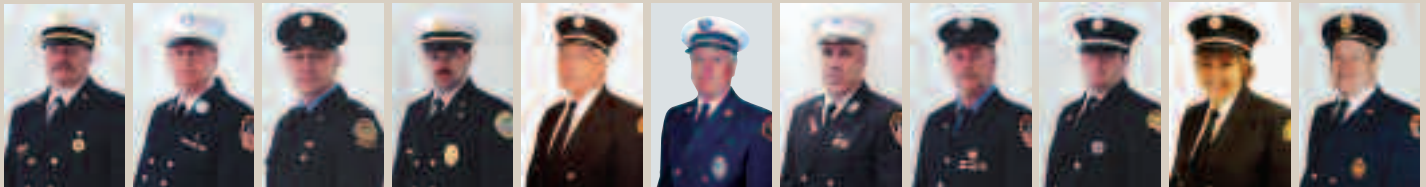
1. **Statewide Contracts:** In some parts of the country, the state government will arrange for bids for certain firefighters' PPE items. There are contracts that include a "Good, Better or Best" type of product selection, or a "discount from manufacturer's retail," allowing access to entire product lines. MA, MS, NJ, NY, OH and PA currently have full statewide contracts, while other states have only certain items available.
2. **Add-on Contracts:** In every state we have researched, there is a provision in the law that allows one political subdivision within the state, often including state agencies, to purchase off of any other political subdivision's legally awarded bids. Often our products' bid will include a discount from retail that allows the department that adds-on (commonly called piggy backing) to select the brand and model that suits them best.

3. **General Services Administration (GSA) Municipal Use:** Although mostly a military/federal convenience, civilian departments may also qualify to purchase through the GSA system. If you are interested, we will research it for your fire department.
4. **Military Customers:** We work with key and/or prime vendors to maintain full service GSA and Preferred Vendor programs for military customers.

Contact us for more information or to discuss how we may assist your department in any other way.

## Firefighter Managed

Honeywell First Responder Products is managed by an active member of the fire service and a large percentage of our staff are firefighters/ EMTs/first responders. As a result, we have a special dedication to the total satisfaction of our customers. We feel that this dedication, which reflects itself in every phase of our operation, is the reason that we have risen to market dominance. Firefighters have always been best at taking care of firefighters, and we are proud to continue that great tradition.



<b>Bill Grilliot</b> President, CEO	<b>Jack Reilly</b> VP Metro Accounts and FDNY Operations	<b>Barry Borkowski</b> VP Canadian Operations	<b>Jim Walter</b> VP Technical Marketing	<b>Bob Morgan</b> VP Ohatchee Production	<b>John Price</b> Director Metro Accounts, Special Projects	<b>Doug Sloan</b> Senior Director of Special Projects Metro Accounts	<b>Bobby West</b> Field Customer Service and FDNY Operations	<b>Will Grilliot</b> VP Dayton Production	<b>Stephanie Pressley</b> Ohatchee Customer Service	<b>Doug Topliffe</b> Canadian Customer Service Manager
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<b>Brian Blinn</b> Northeast U.S. Senior Regional Director	<b>Keith McDonald</b> Central U.S. Regional Director	<b>Kerry Elite</b> West U.S. Regional Director	<b>Chris Dungan</b> Southeast U.S. Regional Director	<b>Rich Higgins</b> Regional Marketing Specialist	<b>Dave Gallagher</b> Director Thermal Imaging	<b>Dave Wiles</b> Thermal Imaging Technical Rep	<b>Jeff Gallagher</b> Thermal Imaging Technical Rep	<b>Scott Sanders</b> Thermal Imaging Technical Rep	<b>Greg Neff</b> Purchasing Manager	<b>Patrick Murty</b> Health, Safety and Environmental Engineer	<b>Teri Hyre</b> Conference and Exhibit Coordinator
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## Servus Bloodborne Pathogen Resistant Interface Capability (BPR)

A requirement in protective gear is for systems that provide protection against bloodborne pathogens (like the HIV and Hepatitis B viruses). As the detailed discussion in the Honeywell First Responder Products' Reference Guide suggests, the OSHA Bloodborne Pathogen Standard seems to REQUIRE just such protection for firefighters and EMS workers. We were the first company to offer a full line of interface-capable and certified bloodborne pathogen resistant (BPR) fire fighting boots (with other BPR components). We are also the first company to offer interface-capable and certified EMS systems.

### Servus BPR Tested as Actually Worn

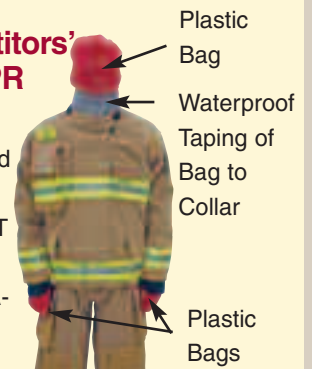
Meets OSHA intent for full body protection. All structural boots offer bloodborne pathogen resistant interface capabilities (when worn with other BPR elements) as defined by NFPA 1971 Viral Penetration Resistance Test and shower test protocols, without taping or plastic bags (see picture at right) but as worn.



As We Test

### Competitors' Non-BPR Testing

Only tested as shown. Could NOT be worn. Not OSHA-intent compliant for full body protection.



As Our Competitors Test

## Competitive Comparison NFPA Certified Rubber Bunker Boots

	Servus	Competitor A	Competitor B	Competitor L	Competitor H	Competitor W
NFPA 1971 Models	8	7	4	3	4	2
NFPA 1992 Models	8	1			1	
Size Range	3-16	3-16	5-16		5-16	
Number of Widths	3*	3	3		3	3
Quick Delivery	3-Days – 97% Fulfillment	No	No		No	No
Factory Owned	✓	✓	No		No	No
Country of Origin	U.S.A	Canada	Malaysia	China	China	Canada
Producing Rubber Fire Fighting Boots Since	1942	?	2004	2006	2004	2004
NFPA Compliant ARFF Boot	✓	No	No	No	No	No
Berry Amendment Compliant Models	✓	No	No	No	No	No
Barcoded	No	No	No	No	No	

Left Fire Market

\*Special make-up sizes available.

## Advanced Protective Tracking System Proven Superior to Other Programs

Most or all Honeywell First Responder Products in this catalog are automatically barcoded during manufacturing to allow use of the Advanced Protective Tracking (APT) program.



**APT is designed to simplify the NFPA 1851 reporting and tracking requirements.**

**APT Programming is Essentially Free to Our Customers.** The APT program is essentially a free service (please see the price list for details) offered to Honeywell First Responder Products customers allowing them to effectively track their PPE inventory (or any other asset). Unlike competitive tracking programs, it is not a profit center for us. Many departments with mature tracking systems and departments using tracking systems from for-profit providers have switched to APT, either for free, or for a few hundred dollars to purchase needed computer equipment. In other cases, APT has filled gaps left by competitive systems. Even more importantly, almost every department that has compared the various tracking systems now on the market has **STRONGLY** preferred the flexibility and firefighter friendliness of the APT system (even ignoring the cost advantage).

This hugely expensive program is offered for disk out-of-pocket cost to our customers because it highlights,

inarguably, comparative brand product life cycles and hence comparative life cycle cost effectiveness of these brands. The high quality levels, superior construction and design excellence of our products have always allowed us to offer better life cycle value. The precise recordkeeping allowed by the APT program allows us to prove those advantages. We are eager to see all fire departments effectively track the life cycle comparative costs of our products versus the competition. Hence, our decision to provide this program at essentially no out-of-pocket cost to our customers.

### Why are departments turning to asset management systems like APT now?

There are a number of reasons that fire departments today are moving quickly to asset tracking systems:

**#1 NFPA 1851, 2008 edition, imposes significant recordkeeping responsibilities on fire departments. APT makes NFPA 1851 compliance foolproof and almost effortless.**

In early 2001, in response to numerous studies showing that improperly cleaned and maintained PPE may be contributing to firefighter injuries and illnesses, NFPA first issued NFPA 1851 on Selection, Care and Maintenance of Structural Fire Fighting Protective Ensembles. It was re-issued in June 2007 as NFPA 1851 Standard on Selection, Care and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2008 Edition. This document requires departments to implement standardized routine, advanced and specialized procedures for inspections, cleanings and repairs. All repairs, cleanings and inspections must occur at specified intervals (usually annually) and those events must be recorded in some type of tracking system (to ensure they have indeed occurred). Specifically, NFPA 1851 requires the following information

be recorded for all PPE elements (individual coats, pants, gloves, hoods, boots, and helmets):

1. Person to whom protective element is issued (or re-issued)
2. Date of issue(s)
3. Manufacturer
4. Model name, number or design
5. ID #, lot #, or serial number
6. Month and year of manufacture
7. Dates and findings of inspections
8. Dates cleaned or decontaminated
9. Reason for cleaning/decontamination
10. Who cleaned/decontaminated
11. Dates of repair
12. Who performed the repairs
13. Description of the repairs
14. The person authorizing serviceability
15. Date of retirement
16. Date and method of disposal

While keeping this detail of information would be prohibitively burdensome and expensive in a manual or self administered system, a properly designed asset tracking system like APT makes the process easy, convenient and reliable. And, of course, with proper recordkeeping, the proper care of PPE elements occur and the challenge to firefighter health and safety, which has been identified in improperly cleaned or maintained PPE, is minimized, so the goal of NFPA 1851 is certainly a worthwhile one.

**#2 PPE is a huge investment for today's fire departments and must, legally, be accounted for properly. Many municipalities have implemented mayoral decrees or executive orders requiring barcoding and effective tracking systems.**

APT is extremely flexible with an easily accessible interactive database that can be easily used to generate any municipally required reporting, as well as the NFPA 1851 reporting.

**#3 We live in an increasingly litigious society. In the tragic event of an**



injury, the detailed life history of the PPE elements often become critical information.

Again because of APT's flexibility and easily accessible interactive database, the program can be custom queried to provide almost any life cycle information that is needed in a particular situation.

#### #4 With more comprehensive information, more informed PPE decisions can be made and justified.

To guide proper and informed department decisions, APT allows the easy, irrefutable and well-presented accumulation of tremendous amounts of detailed data on any key PPE element issue. For instance, during the budget process, APT could be queried to determine how many helmets are older than 5 years of age to approximate budget required for replacement funding. As another example, if the department is considering adding a particular or different reinforcement to some PPE element, APT could be queried to determine repair costs in that particular helmet area over the last year or two (to help determine if the change was needed or justifiable).

**Why is APT better than the other tracking programs on the market today?** We have already established that APT is not a profit center for us. Instead, it is offered essentially free of charge to allow departments to isolate for themselves the durability and life cycle cost advantages of our product lines.

Since APT is not a profit center for us, there are no hidden programming keys which departments must buy to enable them to customize the programs for their needs. Other leading fire service tracking programs have been full of such keys, which effectively means that all new report generation or refinement comes with hefty fees to pay for vendor-supplied programming. APT is Microsoft Access based and is completely open to fire department programming (many, if not most, departments have individuals

with Access background or can easily arrange courses. We will also help familiarize department personnel with easy programming changes).

APT programming support is also available at extremely nominal, if any, charges. Programming support is provided at no charge on the basic (i.e. non-customized) APT start-up for all our customers allowing NFPA 1851 compliance. Our programmers can access your equipment via our Virtual On-Site Support through the internet or can talk you through the process. For more advanced program customizations, our programmers can help at their lower-than-market cost, out-of-pocket hourly fee (see our price list for details). Even the more advanced customization charges are often waived when larger ticket per item Honeywell First Responder Products are used by the department. In contrast, every support service on major competitive tracking programs are PER FEE (and the fees are large and add up quickly).

APT utilizes the Uniform & Textile Service Association's recommended interleaved 2 of 5 barcode symbology, while major competitive tracking programs on the market utilize a far more problematical 2-dimensional barcode symbology. The 2-dimensional barcode systems were developed primarily for clean environments where database memory is not immediately available (for example, personnel accountability programs). The interleaved 2 of 5 barcode system is preferred by essentially all major industrial cleaners because it offers the following strong advantages:

- It is exceptionally readable. All APT product barcodes are printed on high heat material, placed on the inside of the product and not exposed to direct flames.
- It is functional even with heavy soiling. This, of course, is a key advantage



A variety of customized reports are available through APT.

for fire service protective equipment that is often heavily soiled on the fire-ground. The problem is so pressing **with the 2-dimensional barcoding, used in major competitive systems, the products must be rebarcoded with every major event** (for example, cleaning, repairs, inspection, etc.). So clean barcodes are being constantly re-applied (with the expense and hassle that implies) to assure continued readability. In contrast, the interleaved 2 of 5 symbology utilized in APT is a one-time barcode application that remains readable throughout the life of the product.

- It can be read with the most cost effective and durable scanners on the market. We can assist any department in acquiring or locating a convenient source for such a scanner. In contrast, **the 2-dimensional barcode systems utilized in major competitive systems, require far more fragile scanners that are typically far more expensive and far less purchase accessible.**

Most industrial cleaners now use APT as well as interleaved 2 of 5 symbology. In contrast, the 2-dimensional barcodes used in major competitive tracking systems are less likely to be readable by their systems. Industrial cleaners must actually ignore the competitive 2-dimensional barcodes and re-barcode (at the expense and time implied) to interface with their systems. All the fire service cleaners we are currently aware of are presently qualified and utilizing APT,

*APT Continues...*

*APT Continued...*

having adopted APT as the industry standard.

APT uses a completely interactive and flexible database that allows almost unlimited custom tuning for reports and queries. The program will respond to multi-level discriminators (for example, number of members in Battalion 46 with helmets older than 3 years, with repair costs exceeding some dollar figure in the last year). This data manipulation allows exceptionally customizable reporting with a minimum of actual programming time. **In contrast, major competitive programs require extensive programming, and have used hidden keys discussed previously, for anything but the most basic reporting or queries.**

**The Levels of APT** – There are basically four levels of usage for the APT Barcoding system. A department can begin at one level and eventually progress upward to another level of APT, since each ensuing level includes and builds upon the previous levels:

**Level #1 Tracking** – Visual use of the permanent, human-readable sizing and serial numbering.

**Level #2 Tracking** – Level #1 tracking plus APT program used on new PPE product (that comes from factory with APT barcode installed).

**Level #3 Tracking** – Level #2 tracking plus barcode retrofit capabilities for existing department stock (so that existing stock can be tracked in the same database as the new stock arriving barcoded).

**Level #4 Tracking** – Level #3 tracking plus programming to allow “hooks” into other existing commercial asset management programs, such as those designed specifically for personnel management or rolling stock.

Each of the levels of APT is discussed in more detail in the paragraphs that follow.

**Level #1 Tracking – Visual use of the permanent, human readable serial**

**numbering** – The standard barcode label will allow much easier human read of serial numbers. It will allow auto read and list print out with over-the-counter barcode readers and simple barcode list programs available through any good office supply store. With this approach, only the barcoded product is purchased from us.

**Level #2 Tracking – Level #1 tracking plus APT program used on new PPE product that comes from factory with APT barcode installed** – For departments wishing to manage a new factory barcoded stock of protective product, we offer the comprehensive tracking program.

**How does APT work?** This program is provided as a CD with complete documentation on disk. Specifications are available to allow automated import of personnel information for the start-up base or as new hires or transfers are made. If you can provide this personnel data in appropriate form, we will even input it for you. Contact your Honeywell First Responder Products’ Inside Marketing Associate for further information or go to our website and click on Contact Us, then your region on the map. Once the personnel data is auto input, the member’s file is accessed and a barcode reader scan of the new product “assigns” it to him or her. The reader scan ensures that only completely accurate product serial numbering and sizing is recorded in the member’s file, as opposed to human input where errors can and do occur. At every future event in the product’s life (cleaning, repairs, condemnation, etc.), the event is picked from a screen menu and the barcode label is scanned with a barcode reader to automatically and accurately update the history of that product. Unlike some other systems, you do NOT need to re-barcode label the product after each event. The history is maintained on the interactive database, not on the product itself.

**What kind of information will APT allow me to generate?** The tracking program allows for the creation of a

completely interactive database to allow easy management information generation. These are the kinds of questions that APT can easily answer for you:

**Which garments (and who they are assigned to) have not been cleaned within the last six months?** This inquiry would allow you (with a key-stroke) to isolate any garments that have not been cleaned at least semi-annually as required by both NFPA 1500 Fire Department OSHA Program and NFPA 1851 on cleaning and care.

**Which helmets (and who they are assigned to) are older than 5 (or 6 or 7 or whatever) years of age?** This would allow you (again with a keystroke) to estimate the cost of replacing helmets of a certain age within your department.

**What is the history of a particular boot pair (serial number, date of issue, members assigned to it, number/date of repairs, number/date of cleanings, date retired, etc.)?** This type of information would be important in the event of an injury.

**What is the total inventory of product assigned to a particular member?** This would ensure that, at retirement or termination, all department resources are recovered.

**What are the quantity of products condemned for wear in a given period?** This would allow you to determine the durability and stage in wear life.

**How are garments made in May of 2004 holding up?** This type of inquiry would be used if you note premature wear or some other problem on a particular garment (or a particular shipment, or new type of material, etc.) and would be used to both highlight problems, suggest causes and hence fixes.

**What is our total inventory of protective products?** This would allow you a full record for insurance and inventory purposes.





Main Menu: Enjoy a user-friendly interface accompanied by powerful PPE management tools.



Personnel Detail Screen: Easily view detailed personnel information and the inventory issued to them.



Inventory Detail Screen: Always have the answers about your PPE at your fingertips.

**Note: APT has been designed to interface seamlessly with the full management Total PPE type programs discussed in our Reference Guide and available from our Customer Service Department.**

- Any of these reports can be generated department-wide or by sub-department units (divisions, battalions, etc.) to show comparative performance.
- You can also quickly make lists of products (for instance, garments being shipped for repair or held in a loaner pool, etc.) by simply reading their barcodes and asking for a list printout.
- There are extensive note fields to allow retention of unique information in each record.
- Department-specific inventory curves can be created based on item sizes to assist in ordering replacement stock.

**What hardware do I need to use Level #2 APT?**

- Pentium III or AMD Athlar Computer or above – laptop recommended for portability
- 256 MB RAM minimum, 512 MB recommended
- 50 MB Hard Drive space for system installation
- Up to 500 MB Hard Drive space for data, depending on number of assets tracked
- Windows 2000 or higher
- CD-ROM Drive
- Printer for Reports
- High speed internet connection for Virtual On-Site Support

**Level #3 Tracking – Level #2 tracking plus barcode retrofit capabilities for existing department stock so that existing stock can be tracked in the same database as the new stock arriving barcoded.**

A retrofit kit is also available to create and apply barcode labels for existing, older products not barcoded at the factory. This kit includes a printer, label printing software, labels, ribbons and equipment needed to apply the labels. Please call for a quote. Again, we will only assess the out-of-pocket cost, and departments will have the option of buying the products direct from their computer supply house or through us. Technical barcode retrofit experts will be available for telephone consultation

during normal business hours for departments considering this approach. An alternative approach is to return product for factory barcode retrofit (please contact our Customer Service Department to schedule such services). A more expensive alternative is to request a quote to have a Honeywell First Responder Products' team travel to your city and barcode existing stock. Again, we will only assess out-of-pocket costs, but because of the high cost of traveling, this approach is usually only cost effective for larger departments.

**Level #4 Tracking – Level #3 tracking plus programming to allow “hooks” into other existing commercial asset management programs, such as those designed specifically for personnel management or rolling stock.**

APT has been designed with “hooks” into existing commercial asset management programs for other fire department assets (trucks, tools, etc.). The software has user- defined fields to allow for such information as condition code, last inspection date, next inspection due date, etc. Also available are portable data terminals to conduct inventories of assets at remote locations and upload the information into the master database. Please call for a custom quote.

**APT Training and Support Resources Expanded –**

As predicted, APT has become the industry standard. We now offer these value-added benefits:

- A comprehensive, easy-to-use, self implementing User Guide
- Virtual On-Site Support
- APT programmers have scheduled office hours for calls
- APT programmers attend all major trade shows for consultation and training
- A full-time program administrator for larger in-department APT programs
- Individualized, on-site department visits by APT programmers
- Travel or specialized/customized programming support provided at cost

For details, contact the Regional Director or Inside Marketing Associate.

## NFPA 1851, 2008 Edition Support Services

### The 2008 Edition of NFPA 1851 changes the education, maintenance and care requirements for Protective Ensembles for Structural and Proximity Fire Fighting

The 2008 edition of NFPA 1851, Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Fire Fighting is now in



effect. Whether you were familiar with the earlier 2001 edition care document or not, you will need to familiarize yourself with this 2008 edition document. While it may initially appear to impose significant new requirements, please bear in mind that:

- We offer extensive support materials and services, at no- or low-charge, to assist our customers with complying and understanding the document.
- Compliance to the document should significantly improve firefighter health and safety since effective cleaning and care should minimize firefighter contact with the toxins that are found at almost every fire.

So, while a new challenge, most feel the benefits well warrant the attention required.

#### Some Key Points:

1. ALL 1851 advanced inspections, cleanings, basic repairs and advanced repairs training must be provided by the element manufacturer and/or an Independent Service Provider (ISP) trained by the

manufacturer. We cannot train ISPs and fire departments on other manufacturers' PPE, and only we can train/approve training on our PPE. Other manufacturers or ISPs not listed on our website as approved, are flatly incorrect if they report themselves as approved/capable of providing NFPA 1851 training on our products. WE ASK YOU TO REPORT ANY SUCH REPRESENTATIONS TO US IMMEDIATELY. Contact your dealer or our Customer Service Department to set up any requested training from us. The chart of classes that we will be offering is shown on the next page.

This training is typically done in Dayton, OH, but local training can be arranged if a sufficiently large group can be assembled. While manufacturer provided training is free, there may be costs charged by ISPs trained and approved by us. End users may find local training by an ISP more economical even with a charge, since travel expenses are avoided. Our website will list all approved ISPs. If an ISP is not on our website, contact us for guidance before utilizing their services. Similarly, we are working with ISPs that plan to offer interactive, web-based instruction on these topics. ISPs approved by Honeywell First Responder Products can train **ONLY** end users, **NOT** other ISPs (without specific approval by us).

2. The first training necessary for all firefighters is a general overview of the 2008 edition NFPA 1851 document. We teach these topics in our 101 level of classes for each element we manufacture. We also offer an NFPA 1851 DVD which addresses these topics. However, we cannot be sure that requesting a copy of this DVD means it has been reviewed and understood. Therefore,

while the DVD will assist you in gaining a general overview of the 2008 edition NFPA 1851 document, its requirements and organization, for us to officially approve your training, you must complete a class with us or an

### What does NFPA 1851 specifically impose?

- Routine cleaning and inspection after every soiling/use
- Advanced cleaning and inspection at least annually (very precise definitions apply of what operations/testing is required)
- Detailed record keeping
- Specialized cleaning when required (again, very precise definitions apply of what is required)
- Manufacturer training on all NFPA 1851 issues or training by an Independent Service Provider (ISP) trained and approved by the manufacturer
- Mandatory retirement of all 10-year-old or older PPE (Personal Protective Equipment which includes coats, pants, suspenders, helmets, gloves, hoods and boots)

See the Honeywell First Responder Products Reference Guide for full details on these NFPA 1851 requirements, where we describe the classes and other services available to help you meet the detailed NFPA 1851 requirements (not what the requirements themselves are). One important note: Unlike most NFPA Standards which are grandfathered, NFPA 1851 requirements apply to ALL your Structural and Proximity PPE regardless of age (new OR OLD PPE products are covered).

approved ISP. The DVD, however, is a great introduction to the topics that will be covered in a 101 level class.

3. Similarly, routine inspections and cleanings are required to be done by the firefighter after each use. Also, each fire department (or “organization” in NFPA terminology) is required to have a clothing plan and do necessary record keeping. We teach these topics, and provide examples, in our 102 level of classes for each element we manufacture. The DVD,

discussed, will also address these topics, but we cannot be sure that requesting a copy of this DVD means it has been reviewed and understood. While this DVD will assist you in routine inspection procedures, routine cleaning procedures, basic clothing plan issues and basic record keeping requirements of the 2008 edition NFPA 1851 document, for us to officially approve your training, you must complete a class with us or an approved ISP. The DVD,

is a great introduction to the topics that will be covered in a 102 level class.

4. More advanced classes for program managers are also typically done in a classroom setting. Contact us to make arrangements. The DVD, as part of the general 2008 edition overview, does provide a general discussion of these more advanced topics (Advanced Inspection, Advanced Cleaning, Repairs, etc.) BUT, ONLY AS AN OVERVIEW. These complex topics also MUST be

**Honeywell First Responder Products**

**NFPA 1851 Training**

**NFPA 1851 Courses**

Note: Classes can be taught in sequence or in combination for some time savings. Your dealer or our staff will assist you in arranging efficient class organization.

Course No	PPE Element	Approx Hrs	Course Description – Details Follow by Class
1851-CL-101*	Garments	2	Basic Introduction of 1851 Garment Requirements
1851-CL-102		2	Garment Plan, Record Keeping & Routine Cleaning and Inspection
1851-CL-201		1	Advanced Garment Inspection
1851-CL-202		1	Advanced Garment Cleaning
1851-CL-301		8	Basic Garment Repairs – Prerequisite Stitching Skills
1851-CL-401		16	Advanced Garment Repairs – Prerequisite Stitching Skills
1851-HT-101*	Helmets	1	Basic Introduction of 1851 Helmet Requirements
1851-HT-102*		1	Helmet Plan, Record Keeping & Routine Cleaning and Inspection
1851-HT-201**		1/2	Advanced Helmet Inspection
1851-HT-202**		1/2	Advanced Helmet Cleaning
1851-HT-301**		1/2	Helmet Repair
1851-GL-101*	Gloves	1	Basic Introduction of 1851 Glove Requirements
1851-GL-102*		1	Glove Plan, Record Keeping & Routine Cleaning and Inspection
1851-GL-201**		1/2	Advanced Glove Inspection
1851-GL-202**		1/2	Advanced Glove Cleaning
1851-GL-301**		1/2	Glove Repair – Prerequisite stitching skills
1851-HD-101*	Hoods	1	Basic Introduction of 1851 Hood Requirements
1851-HD-102*		1	Hood Plan, Record Keeping & Routine Cleaning and Inspection
1851-HD-201**		1/2	Advanced Hood Inspection
1851-HD-202**		1/2	Advanced Hood Cleaning
1851-HD-301**		1/2	Hood Repair – Prerequisite stitching skills
1851-BT-101*	Footwear	1	Basic Introduction of 1851 Footwear Requirements
1851-BT-102*		1	Footwear Plan, Record Keeping & Routine Cleaning and Inspection
1851-BT-201**		1/2	Advanced Footwear Inspection
1851-BT-202**		1/2	Advanced Footwear Cleaning
1851-BT-301**		1/2	Footwear Repair

\*Topics for All Firefighters

\*\*Topics for, at Least, PPE Managers

NFPA 1851 Support Services continues...

NFPA 1851 Support Services continued...

handled in more advanced classroom settings for an effective understanding.

- The Document requires that advanced (not basic) clothing repairs only be done by an ISP or a fire department (organization) that has been verified by a third party lab, as well as trained by the manufacturer. We can assist fire departments or ISPs that wish to pursue that third party lab certification.

Contact your dealer, Regional Director or our Customer Service Department for details on the NFPA 1851, 2008 edition overview DVD. This DVD and supporting materials are provided at only our duplication cost.

## What NFPA 1851 compliance and training support do we offer?

### NFPA 1851, 2008 Edition Overview

The overview DVD discussed previously is a great aid to NFPA 1851 understanding. Contact your dealer or our Customer Service Department to request a copy (provided at our minor duplication cost).

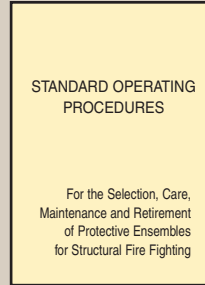
### Curriculum of Classes

The curriculum of classes previously presented will completely equip you for NFPA 1851 compliance. Contact your dealer or our Customer Service Department to arrange this no-charge training.

### Draft SOPs as Required by the Standard

Our experts have prepared draft template SOPs required by the Standard. Fire departments can use

these templates and edit them for their particular policies. These SOPs are distributed during the relevant classroom work. Copies can also be requested through your dealer or our Customer Service Department.



### Routine Inspection and Cleaning Checklist

Line firefighters provide the first line of NFPA 1851 compliance. They are required to do Routine Inspection and Cleaning (as simple as hose line flushing) after every use/soiling. We provide a card that can be hung at the gear storage area to remind firefighters to perform these vital functions with EVERY use/soiling. These cards are provided free to our customers (in reasonable quantities). Please contact your dealer or our Customer Service Department to receive your copies.

### NFPA 1851 Reminder Posters

These posters remind the firefighters to routinely review their Routine Inspection and Cleaning and Inspection Checklist cards and other warnings/use information. These posters are provided free to our customers (in reasonable quantities). Please contact your dealer or our Customer Service Department to receive your copies.

### Advanced Protective Tracking System

This state-of-the-art bar-code tracking system is discussed in some detail in our catalogs. APT allows full NFPA 1851 record keeping compliance with little or no cost, utilizing readily available equipment.



## Honeywell First Responder PPE Cleaning & Care Facility in Dayton – within 6-Day Normal Turnaround Time

We have had, and will continue to have, a nationwide network of trained partner ISPs. And, we have an onsite, state-of-the-art PPE Cleaning & Care Facility in Dayton. This facility:

- Does inspection, cleaning, and repair work for customers.
- Trains dealers and other firms that we approve as Independent Service Providers (ISPs) to the extent they wish and require, at no charge to them.
- Trains customers to the extent they wish and require, at no charge to them.

The 2008 edition of NFPA 1851 now covers required care and maintenance for both Structural and Proximity PPE products. We are working with Gentex (manufacturers of the aluminized Pbi™ that is used in Proximity garment shells, gloves, and Proximity helmet covers) to develop an aluminized care program and will advise the details when available. As a result, this new Dayton facility will initially deal with ONLY Structural PPE products certified to NFPA 1971 until Gentex clarifies appropriate Proximity cleaning procedures.

The PPE Cleaning & Care facility will offer NFPA 1851 required advanced inspections, advanced cleanings, minor repairs and major repairs on NFPA 1971 Protective Ensembles for Structural and



Proximity Fire Fighting (clothing, boots, helmets, hoods and gloves).

It will also offer advanced cleaning and repair for clothing and equipment to various other NFPA Standards which NFPA 1851 does not cover (but we will follow general NFPA 1851 advanced clothing and inspection protocols as much as possible):

- NFPA 1999 – Protective Clothing for Emergency Medical Operations
- NFPA 1992 – Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies
- NFPA 1951 – Protective Ensembles for Technical Rescue Incidents
- NFPA 1977 – Protective Clothing and Equipment for Wildland Fire Fighting
- NFPA 1975 – Station/Work Uniforms for Fire and Emergency Services
- Products multi-certified to any of the Standards and/or NFPA 1971 – Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, noted above.

Specialized cleaning, where practical, will also be quoted per event, is consistent with how essentially all other care providers handle these exposures and would include the following types of exposures:

- CBRN
- Paint
- Asbestos
- Oil
- Diesel fuel
- Animal fats
- Wax
- Hydraulic fluid
- Tire fire residue

- Biohazards, like blood and other body fluids
- Any other exposure requiring MSDS sheet consultations

We will also be glad to quote any other required PPE support, cleaning or repair programs upon request.

#### General Notes

Products must be scheduled for cleaning and repair. Scheduled work, not requiring repairs, will be done and shipped within 6 work days of receipt in our Dayton facility. Products returned unscheduled for cleaning and repair will be scheduled around the work that has been scheduled. The PPE Cleaning & Care Facility staff will contact the customer and advise that scheduled date. Customer may accept that date or reschedule for another time – all freight back and forth is at customer expense.

We cannot work, per OSHA regulations, on gear that is soiled. PPE must be cleaned before return to us, or cleaned by us before repairs can be done. Cleaning will be charged back to customer.

As noted earlier, specialized cleaning and resulting repair (per NFPA 1851, this is required when PPE is exposed to hazardous materials and/or biohazards) will be available upon a special quotation basis. Different pricing and turnaround periods will apply. There are some

#### Honeywell First Responder Products

### PPE Cleaning & Care Facility

contaminants that are impossible to remove, and no representations otherwise are made. Customers with specialized cleaning needs should contact the PPE Cleaning & Care Facility staff. They will prepare quotes for recoverable situations and/or assist the fire department at no charge in seeking insurance reimbursement when cleaning/repair is not feasible or advisable.

All cleaning and billable repairs will not be started without a valid Purchase Order and credit approval. Returns to customers can only be made freight collect on products returned due to lack of Purchase Order. Purchase Order should accompany returned gear to prevent delays in processing.

Laundering can, and will, change the appearance of PPE (in particular, black shells can lose “blackness” and take on a charcoal or dark green cast). This is an unavoidable consequence of laundering (whoever does it) and as such is not warrantable.

Departments who wish us to work on Honeywell First Responder Products should contact The PPE Cleaning & Care staff for further discussion.

**IF YOU CARE  
(AND WE BET YOU DO)...**

### **Is Your PPE 100% North American Made? Ask BEFORE Your Next Order!**

#### **Made in North America versus**

**Imports:** In the last several years, we have seen North American jobs moved overseas. Two brands of rubber fire boots are made in China. Another brand of rubber fire boots is now made in Malaysia. Some leather boots are made in Germany and more are migrating offshore. Why? We believe some manufacturers choose to compete on COST ONLY as opposed to competing on the basis of product quality, comfort, design excellence, follow-up service and patented breakthroughs.

**The Choice is Yours:** Contact our office for assistance on writing specifications that are legally justifiable, detailed technically and easy to incorporate into your bid proposal. We can help you write a detailed specification that lets all manufacturers compete, but forces those competing solely on cost to explain their exceptions to your specifications. Then, YOU can decide if the savings is worth the loss of critical safety and comfort features. If your spec is open, you know how it will be decided: COST. Unless you clearly specify the safety features you need and want, the manufacturers with overseas production have the cost advantage.

It is not just a social issue. You depend with your life on your PPE, you need to keep your manufacturer accessible for follow-up responsibility.

**Our Promise:** All the products in this catalog are made in North America. We will continue to manufacture boots here at home. Make your preference for North American made products clear...other manufacturers will listen.



### **What is the Berry Amendment, and How is it Different from Made in North America?**

The Berry Amendment covers military purchases and requires that ALL textiles and specialized metals used in the product be American made. While the requirements are clear, the interpretations of the regulations vary from purchasing authority to purchasing authority since clear regulations have yet to be determined. For instance, all Honeywell First Responder Products are made in our OH, AL, IL and PA factories, but approved steel toes for our fire boots are no longer made in the US. For that reason, some military purchasers would not consider those boots Berry compliant. To address military needs, we have stockpiled a decade's worth of US made steel toes (to allow us time to develop our own US made steel toes).



### New Edition of NFPA 1971 Now in Effect...

The 2007 edition of NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, was effective in August of 2006. Included in this new edition are a number of changes that have a significant impact on Structural fire fighting boots. For quick reference, listed below are GENERAL changes made to the Standard followed by changes specific to FOOTWEAR and the impact on the PRO-Warrington boot line.

#### General Changes

- The 2007 edition of the NFPA 1971 Standard is now formatted with separate chapters on terminology and certification. Labeling requirements now appear in Chapter 5, Design Criteria in Chapter 6, Performance Criteria in Chapter 7, and Test Methods in Chapter 8. References are now located at the front of the document in Chapter 2.
- One significant technical change is the merger of NFPA 1976 covering Proximity fire fighting protective ensembles with NFPA 1971 for Structural fire fighting protective ensembles. The merger takes advantage of the fact that many of the requirements between the two types of ensembles are identical. The requirements in the Standard are now organized with one section which applies to both types of ensembles (including boots), another section on requirements specific to Structural ensembles (including boots) and a last section on requirements specific to Proximity fire fighting ensembles (again, including boots).
- A CBRN (Chemical/Biological/Radiological/Nuclear) option has been added to the Standard for both Structural and Proximity fire fighting

protective ensembles. The CBRN option provides protection against chemical, biological, radiological and nuclear particulate agents that could be released during a terrorism incident. The option includes a series of design, performance and labeling criteria in addition to base requirements of the 1971, 2007 Edition Standard. In order to be compliant to this option, the manufacturer must specify a full ensemble including garment, hood, gloves, FOOTWEAR and SCBA, excluding the helmet which is not integral to the CBRN protective ensemble. Only a full ensemble can be certified, and the certification of individual components is not permitted under the CBRN option. Additionally, design restrictions prevent the use of outer covers, outer gloves and footwear covers that are not a contiguous part of the ensemble.

The specific intent of the Standard is to have CBRN protection installed at all times during the use of the ensemble. Precise criteria has been added utilizing a Man-In-Simulant Test (MIST), which evaluates the integrity of the entire ensemble, including interfaces between components, to detect any inward leakage of chemical agents. The MIST test involves the placement of adsorbent pads onto the skin of individual test subjects at specific locations. The test subject then dons the protective ensemble and enters a closed chamber containing a surrogate chemical agent and performs a series of exercises designed to simulate ensemble use for a 30-minute period. After the 30-minute exposure, levels of the surrogate chemical are measured at each pad location on the test subject and a determination is made on the overall and localized protection provided by the ensemble.

Additional tests in the CBRN option include permeation resistance of the

ensemble barrier layers to specific chemical warfare agents and toxic industrial chemicals after the material has undergone extensive conditioning including laundering, heat exposures, repeated flexing and abrasion at levels intended to demonstrate long-term durability and performance of the barrier. Despite providing high levels of barrier performance, the overall garment composite must still meet the required breathability and provide an acceptable level of total heat loss (THL).

The above Standard inclusions allow us to offer Project HEROES® type systems that address CBRN issues as a Structural and Proximity equipment option. Our dealers are allowed to offer the specific elements of the system which they are authorized to promote. For example, a PRO-Warrington dealer that does not promote Morning Pride clothing will be allowed to sell the protective outer boot portion (Note: the boot shell portion CANNOT be worn as a standalone component) of the system but not the clothing, hood or glove portions. Project HEROES® a standalone catalog has been developed and details the ensemble design and components. Additionally, designs developed with government funding will be available for licensing to other clothing/equipment manufacturers for use with systems they develop.

- A number of changes to the design criteria were made to permit flexibility of the ensemble design. While many of these changes were originally intended to address design innovations for applying the CBRN option, the committee decided to extend these changes to the base ensembles. These modifications will allow new design innovations, such as the Honeywell First Responder products' integrated pant-to-footwear interface, integrated hoods, coupled gloves and

*NFPA 1971, 2007 Edition Changes – A Recap Continues...*

### NFPA 1971, 2007 Edition Changes – A Recap Continued...

- coat sleeves, to be used in ordinary Structural and Proximity fire fighting gear. For instance, it is possible to order integrated hoods and coats on a non-CBRN system since some of the hood design restrictive requirements have been removed. As mentioned previously, designs developed with government funding are available for licensing to other clothing manufacturers for use with any systems they develop.
- Accessories are no longer addressed in the Standard as the practicality of addressing each type of potential accessory in detail is not feasible.
  - Assembly subcontractors are now required to be registered to ISO 9001.

### Footwear specific changes...

- The 2007 edition of NFPA 1971 raised the minimum height of Structural footwear from 8 inches to 10 inches. Unlike earlier NFPA 1971 editions, the height is no longer determined by removing the insole and measuring to the top line of the boot. In the new 2007 edition, the footwear height is measured with the insole in place at the center up to a perpendicular reference line extending across the width of the footwear at the lowest point excluding pull tab attachments, pull-up holes, collars or any other features which could interrupt the thermal and/or moisture protection. The overall affect of the new height requirement and measurement techniques adds several inches to certain styles of footwear. Most competitive footwear models are affected by this change. The minimum height requirement is mandatory for ALL sizes and all models. The only real change in the PRO-Warrington line is the elimination of the 3005

model 8" lace up structural fire fighting boot. The 3007 10" lace up structural fire fighting boot has been replaced with the new 3006 model (see page 23).

- All sizes, no matter what model, must maintain the minimum height requirement as described above. With the exception of the models mentioned above, this does not affect any products in the Servus line.
- The 2007 edition of NFPA 1971 also increases requirements on the puncture-resistant steel bottom plate. This plate is used in the sole of footwear to prevent nail puncture, and NFPA 1971 soles will now be subjected to a flex cracking test to assess durability consistent with other industry footwear standards. The height of the steel toe has also been increased. The Servus line of boots presently meets both these requirements.

For a complete discussion on how the 2007 edition of NFPA 1971 (Structural and Proximity firefighter clothing and equipment) will impact ALL elements of our product lines, please see the Honeywell First Responder Products Reference Guide.

### Project HEROES® and the NFPA 1971, 2007 Edition CBRN Option...

Project HEROES® is a Department of Homeland Security contract administered by the International Association of Fire Fighters. The Project Team includes:

- International Association of Fire Chief
- National Institute of Occupational Safety and Health
- International Personnel Protection, Inc.
- Morning Pride Manufacturing

Project HEROES® is tasked with designing the next generation of fire fighting gear and boots with the ultimate goal of designing a complete ensemble of gear providing passive protection against incidental exposure to weapons of mass destruction (WMD) in combination with a self cooling system and improved interface burn protection.

Since WMD agents are often heavier than air, a target entry point for WMD agents is the boot-to-pant interface.

### IMPORTANT NOTE ABOUT CLAIMS OF HAZ MAT AND/OR CBRN CERTIFIED BOOTS:

Misleading statements have recently appeared on the exterior of structural firefighting boots. "HazMat" has erroneously appeared on boots that are in fact certified to NFPA 1992. NFPA 1992 addresses liquid splash incidents which are common occurrences in day-to-day structural firefighting. This is not the same as NFPA 1976 which requires the donning of special PPE to protect your safety and health in a potentially dangerous HazMat situation.

The CBRN certification is also being misused on boots and is causing confusion. CBRN addresses unique circumstances and cannot be attained by donning individual components such as boots. To be CBRN certified as addressed in the 2007 edition of NFPA 1971, a total ensemble is required for complete envelope protection against WMD agents. Our Project Heroes ensemble addresses CBRN. See above for a more detailed discussion of CBRN.

Bottom line: check interior certification labels on boots and, when in doubt, contact the certifying agency for the complete rundown.



Suffice it to say, this same entry point is also a prime area for leg burns. With this in mind, the Project HEROES® Team developed the integrated boot-to-pant system providing continuous lower leg protection from toe tip to the firefighter's waist. Many fire departments experience at least some lower leg burns as a result of the ingress of heated water and/or air flowing up the outside of the boot into the pant leg. Burns can occur rapidly as a result of even mildly heated water when in contact with bare skin. The integrated boot-to-pant design offers a more effective interface for standard structural fire fighting by integrating a sealed barrier between the pants and boots to protect against moisture, agents, and bloodborne pathogens present in normal day-to-day structural fires, while simultaneously protecting against lower leg burns as a result of skin exposure to heated conditions.

Project HEROES® full head-to-toe design will be ready for field testing in

**Fully featured leather/ fabric boot with Vibram® Fire/Ice Lug Soles**



The boot is gasket sealed to the pant moisture barrier. Shingle on pant liner Velcros to the boot.

2008. However, the integrated boot-to-pant portion of the program is now in a field test pilot program with FDNY. The results of this pilot program will provide us with valuable information as to its viability in preventing lower leg burns,

as well as direct input from firefighters as to fit and comfort.

There are other non-footwear designs made possible in the 2007 edition of NFPA 1971 (please see those product area catalogs).

## Now Available!

### Project Team



International Personnel Protection, Inc.

### Helmet

### Integrated Hood

### Facepiece Mate

### Insulating Cooling System

### Front Closure Interface

### Magnet Mate Gloves

### Coat-Pant Interface

### Fly Overfold

### Integrated Boots and Pants



**Accufit™ for Better Fit and Greater Comfort!**

**Accufit™ – full and half sizes in 3 widths.**

Servus' sizing system helps firefighters find the fire boots that fit them best.

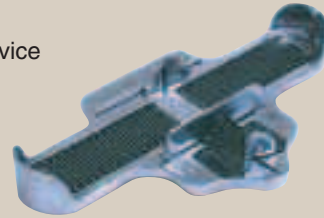
With Accufit™, rubber and leather fire boots are sized the same as street-shoes using Brannock device measurements.

Accufit™ takes the guesswork out of fitting fire boots.

**Try them on for size.**

Many firefighters may be fitted in the wrong boot size. While Accufit™ helps identify the proper size and width, a better fit is ensured by:

- Using a Brannock device measurement as a starting point.
- Trying the boots on. A half size larger or smaller, narrower or wider, can make a big difference in personal fit preference.



**If a person wears:**

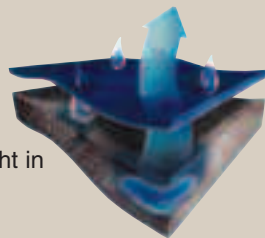
**A, B or C** – width in a shoe size, try a Narrow (N) in fire boots.

**D or E** – width in a shoe size, try a Medium (M) in fire boots.

**EE or EEE** – width in a shoe size, try a Wide (W) in fire boots.

**Optional DRYZ™ polyurethane fabric liner insert.**

Controls odor and keeps feet dry. Absorbs 160 times its weight in moisture.



Model No.	Description	Page No.	Outsole	Insulation E = Enhanced S = Standard	Liner	S=Steel Toe C=Composite Toe	Steel Midsole	MG = Metatarsal Guard FG = Foot Guard	Shin Protector	Moisture Barrier	Removable Insert	Berry Amendment Compliant	NFPA 1971 Structural	NFPA 1951 Technical Rescue	NFPA 1999 EMS	NFPA 1977 Wildland	NFPA 1992 Liquid Splash
<b>STRUCTURAL FIRE FIGHTING BOOTS</b>																	
<b>Rubber Fire Fighting Boots</b>																	
<b>Lightweight Boots</b>																	
NEW! 9502 <sup>1,2</sup>	11" Neoprene Bunker	18	Net Fit Athletic	E	Neoprene	S	●				●		●				●
<b>Firebreaker Fighting Weight Boots – Premium Line</b>																	
1408 <sup>1,2</sup>	16" Bunker	19-20	Trac Tread	E	Kevlar®	S	●	FG	●		●		●				●
1409 <sup>1,2</sup>	16" Bunker	19-20	Lug	E	Kevlar®	S	●	FG	●		●		●				●
1509 <sup>1,2</sup>	13" Bunker – Women's	19-20	Lug	E	Kevlar®	S	●	FG	●		●		●				●
<b>Firebreaker – Moderately Priced Line</b>																	
1467 <sup>1,2</sup>	16" Bunker	21	Trac Tread	E	Kevlar®	S	●	FG	●		●		●				●
1483 <sup>1,2</sup>	16" Bunker	21	Lug	E	Kevlar®	S	●		●		●		●				●
<b>Firefighter – Feature Driven, Economy Line</b>																	
1450 <sup>1,2</sup>	16" Bunker	22	Trac Tread	E	Wool	S	●						●				●
1454 <sup>1,2</sup>	16" Bunker	22	Trac Tread	S	Wool	S	●						●				●
<b>Leather Boots</b>																	
3006 <sup>1,2</sup>	10" Speed Zip-Up	23	Vibram® Lug	E	Cambrelle®	S	●			Crosstech®	●		●		●	●	
6314	14" Bunker	23	Vibram® Lug	E	Cambrelle®	S	●		●	Crosstech®	●		●				
<b>Rubber Value Footwear (RFV)</b>																	
6212	16" Rubber Bunker	24	Trac Tread	S	Wool	S	●						●				
<b>PROXIMITY FIRE FIGHTING BOOTS – CRASH FIRE RESCUE – ARFF</b>																	
6210	16" Pull-On – Women's	25	Lug	E	Nomex®	S	●				●	●	●				
6211	16" Pull-On – Men's	25	Lug	E	Nomex®	S	●				●	●	●				
<b>TECHNICAL RESCUE BOOTS</b>																	
6006 <sup>1,2</sup>	8" Leather/Advance Rip Stop/Lace-Up	26	Fire/Ice Vibram® Lug	S	Cambrelle®	C	●	MG		Crosstech®	●		●	●	●	●	●
<b>WILDLAND FIRE FIGHTING BOOTS</b>																	
3050	8" Leather Non-Steel Toe	27	Vibram® Olympia Lug	S	Cambrelle®						●						●
3051	8" Leather Steel Toe	27	Vibram® Olympia Lug	S	Cambrelle®	S					●						●
3060	10" Leather w/Logger's Heel	28	Vibram® Lug	S							●						●
<b>SPECIALTY BOOTS – NOT NFPA COMPLIANT</b>																	
<b>Rubber Hip Boots</b>																	
11451	32" Hip Boot	29	Trac Tread	E	Wool	S	●										
<b>Rescue Pac Boot</b>																	
21622	12" Zip-Up	29	Trac Tread	E	Wool	S	●										

1 = Indicates Multiple Certifications  
2 = Indicates Optional Certification that Must be Requested at Time of Purchase

# New Honeywell 11" Lightweight Model 9502

## Leading the Pack with a Precision Engineered, Lightweight Seamless Boot!

Let's face it...nothing has shaken up firefighting rubber boots in decades...until now. We've pulled out all the stops with new ideas for a boot that offers true CDI (comfort, design and innovation). We started with The Original Muck Boot Company® brand that defines the standard for comfort and quality and added in the best safety features available for firefighting boots.

**Our lightweight 11" neoprene fireboot** uses *The Original Muck Boot Company®* brand extreme comfort technology fit. At an average of under 6.5 lbs, it's so comfortable you'll barely know it's there.



**Exclusive Unishield dipped construction** process using innovative neoprene latex rubber is 100% seamless protecting you against common fireground chemicals and moisture.

**Built on our Shoe Fit™ last** and custom fitted with a removable Breathe-O-Prene® insert. The molded arch support supplies exceptional shock absorption and moisture wicking properties.

**Self insulating 3mm CR Neoprene liner** combined to breathable spacer mesh material is waterproof,



naturally lightweight, bouyant and very comfortable.

**Our exclusive proprietary net fit cupped one piece athletic style sole** is lightweight and pliable. Heel breast and forepart rounded for superb pivoting qualities on ladder rung. Sole has built in kicker for easy doffing after a long run.

**Molded thermoplastic heel counter** locks your foot into the boot and anchors it in place. Cradles the heel and reduces over pronation keeping you more stable on your feet.

**Leather top binding** for long wearing comfort and pliability.

**Steel bottom plate, roomy steel toe and steel shank** all exceed NFPA and ASTM standards.

NFPA 1971, 2007 Edition  
NFPA 1992, 2005 Edition (Optional)

Net Fit Athletic Sole



Union Made in USA



Built in Kicker for Easy Doffing

Width	Honeywell Model 9502																		
	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	14	15
Narrow (A/B/C)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Medium (D/E)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Wide (EE/EEE)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Servus' Premium Line...

# Firebreaker Fighting Weight



**Model 1408**  
Trac Tread Outsole

Tremendous physical exertion in extremely dangerous conditions is one of the reasons a firefighter's job is so unique and perilous. Add to that the impact of carrying up to 100 extra pounds of protective gear and equipment and it's easy to understand how fatigue can quickly impact safety and performance.

Made with an exclusive UniShield™ process, a pair of Fighting Weights still provides all the protection of the original Firebreaker, yet is lightweight enough so that the difference can really be felt.



**Model 1409**  
Lug Outsole



- Enhanced Insulation
- UniShield™ Dip Construction
- 100% Seamless Protection
- Kevlar® Lining
- Internal Built-in Shinguards
- FootGuard
- Removable Inserts
- Trac Tread or Lug Outsoles
- NFPA 1971, 2007 Edition
- NFPA 1992, 2005 Edition (Optional)



**Women's Model 1509**  
Lug Outsole

Add a Pair of DRYZ® Inserts for Extra Comfort and Support.



Width	Servus Model 1509 – Women's												
	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10
N	•	•	•	•	•	•	•	•	•	•	•	•	•
M	•	•	•	•	•	•	•	•	•	•	•	•	•
W	•	•	•	•	•	•	•	•	•	•	•	•	•

Width	Servus Models 1408 and 1409																							
	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	15½	16	
N	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
W	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Custom Sizes Also Available

## Lightweight Durability

- 1 **UniShield™** – Innovative latex rubber dipping process eliminates seams, produces lighter weight boots.
- 2 **Duraheel®** – Increases durability of the heel area.
- 3 **High Abrasion Resistant Outsole and Heel** – Meets all NFPA requirements. Available in Lug or Trac Tread.
- 4 **Durable Pull Strap** – Made of thick-gauge rubber with a nylon insert for a sure grip.

## Unmatchable Protection

- 5 **Reinforced Knurled Toe Cap** – Rugged, heavy duty for longer life.
- 6 **Built-in Shinguard** – Absorbs and distributes damaging blows and ladderlock pressures.
- 7 **FootGuard** – Built-in shock absorbing material for extra protection in the metatarsal area.
- 8 **MidSole Protection System™** – Unique precision steel midsole the area of protection at the bottom of the foot.
- 9 **High Impact Steel Toe Protection** – Exceeds NFPA, CSA, ASTM and OSHA requirements.
- 10 **Steel Shank** – Triple strength support in arch area.
- 11 **Solid Rubber Foxing** – Added protection against penetration from sharp objects.



## Comfort & Safety

- 12 **AccuFit Sizing™** – Uses widely accepted Brannock device sizing, just like traditional shoes.
- 13 **Kevlar® Lining** – Kevlar®...the ultimate and flame resistance.
- 14 **Enhanced Insulation** — Keeps feet comfortable and acts as a heat barrier to protect against burns and blisters.
- 15 **ComfortPlus Insole** — Removable, washable, replaceable, cushion insole helps reduce high-impact stress.
- 16 **Optional DRYZ™ fabric liner insert** — Controls odor and keeps feet dry. Absorbs 160 times its weight in moisture. See page 31 for ordering information.



# Firebreaker

Backdrafts. Flashovers. Hot spots. When a firefighter encounters any one of these high-risk situations, you can bet they're not thinking about whether or not their equipment is going to perform. Total focus on the job is imperative.

Superior reliability is one of the reasons the original Firebreaker fire boots continue to be two of the most popular fire boot designs we make. **Since they were introduced in 1984, Firebreaker boots have continued to**

**set the curve for new standards in protective footwear.** Exclusive features that add extra comfort and protection include:

- ✓ Kevlar® lining that's more durable than felt and provides high heat resistance.
- ✓ ComfortPlus removable insole to reduce high-impact stress.
- ✓ A built-in shinguard for extra protection and comfort.
- ✓ Midsole Protection System™ – steel midsole increases penetration protection on foot bottom.

- ✓ Steel shank for added arch support.
- ✓ Durable longer-lasting heel and toe compound for longer boot life.
- ✓ FootGuard protection in the metatarsal area (Model 1467 only).
- ✓ Rugged high abrasion foxing and toe cover.
- ✓ High Impact Steel Toe Protection.
- ✓ Optional DRYZ™ fabric liner insert. Controls odor and keeps feet dry. Absorbs 160 times its weight in moisture. See page 31 for ordering information.



NFPA 1971, 2007 Edition

NFPA 1992, 2005 Edition (Optional)



**Model 1467**  
**Enhanced Insulation**  
**Removable Insert**  
**FootGuard**  
**Trac Tread Sole**

Add a Pair of DRYZ® Inserts for Extra Comfort and Support.



**Model 1483**  
**Enhanced Insulation**  
**Removable Insert**  
**Lug Sole**



Width	Servus Models 1467 and 1483																						
	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	15½	16
N	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
W	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Custom Sizes Also Available

## Servus' Feature Driven Economy Line...

### Firefighter



**Model 1450**  
**Enhanced Insulation®**  
**Trac Tread Outsole**



Add a Pair of DRYZ® Inserts for Extra Comfort and Support.



**NOTE:** If economy is your key issue, please see our Rubber Value Footwear (RVF) on page 24.

No matter where they are, from the largest fire district in the country to a rural fire department of volunteers, firefighters nationwide are always at risk on the job. Each time they leave the station house or get an emergency call, potentially they can be facing a life and death situation.

That's why we're committed to ensuring that any firefighter, anywhere, can benefit from the quality and protection of Servus with our Firefighter line of fire boots.

**These proven performers offer superior quality at a value-focused price, so the issue of safety and protection will never be a cost issue.**

- ✓ Long lasting heel and toe compound.
- ✓ Durable toe cap and foxing reinforcement.
- ✓ Duraheel® – for increased durability of the heel area.
- ✓ Cushioned insoles for comfort.
- ✓ Easy on and off – sturdy pull-on straps.
- ✓ Ozone-resistant rubber compounds throughout add years to boot life.
- ✓ High impact steel toe protection – meets ASTM standards.
- ✓ Flexible steel midsole and steel shank for superior protection and support.
- ✓ Sure-footed cleat-grip sole.
- ✓ Wool felt lining
- ✓ Optional DRYZ™ fabric liner insert. Controls odor and keeps feet dry. Absorbs 160 times its weight in moisture. See page 31 for ordering information.



**Model 1454**  
**Standard Insulation**  
**Trac Tread Outsole**



**NFPA 1971, 2007 Edition**

**NFPA 1992, 2005 Edition (Optional)**

Width	Servus Models 1450 and 1454																							
	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	15½	16	
N	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
W	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Custom Sizes Also Available



# Leather Structural Fire Fighting Boots

**Goodyear welt**...long recognized as a standard of quality in footwear construction. Welting boots hold their shape, don't stretch or become sloppy, adding significantly to their wear-life. More comfortable over the long haul and their stable construction is more healthy for your feet, legs and back, preventing injuries that can take you off the job.

**Heavyweight military AB leather** is silicone impregnated for superior water/chemical resistance.

**Removable insert** is contoured and dissipates fatigue for total comfort. Optional DRYZ™

insert is available. See page 31 for ordering information.

**Aggressive stitched-down Vibram® lug sole.** Vibram® is long recognized as the world leader for high performance footwear. Soles are designed to enhance gripping power. Welt construction allows for easy resoling of boots.

Performance driven **Cambrelle® lining** excels at rapid moisture release technology offering excellent moisture wicking capabilities.

**100% Kevlar® felt thermal liner** laminated to **CROSSTECH®** footwear fabric moisture barrier.

Roomy **steel toes** for impact and compression protection.

**Shinguard** for extra tibia protection. (Model 6314)

Heavy-duty **pull straps.** (Model 6314)

**Speed-zip laces.** (Model 3006)

Tempered **steel shanks.**

Stainless **steel bottom plate.**

## 14" Bunker Boot Model 6314

- NFPA 1971, 2007 Edition



## 10" Speed-Zip Boot Model 3006

- NFPA 1971, 2007 Edition
- NFPA 1999, 2008 Edition
- Optional NFPA 1977, 2005 Edition

Width	Honeywell Model 6314																			
	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	14	15	16
N/M/W	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	N = A/B/C						M = D/E				W = EE/EEE									












Width	Honeywell Model 3006																						
	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	14	15
B				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D			X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X
E		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EE	X	X	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X
EEE	X	X	X	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X
	X = Special Make-Up Sizes – Additional Charges May Apply																						





## 16” Rubber Bunker Value Footwear (RVF) Model 6212



-  Grey wool felt lining
-  Standard insulation
-  Easy grip pull-on integrated finger holes
-  Trac tread sole with injection molded rubber heel
-  One piece steel bottom plate
-  Steel toe
-  Steel ladder shank
-  Yellow rubber foxing and toe cap
-  Barcoded with unique ID number for easy NFA 1851 recordkeeping adherence
-  Optional DRYZ™ insert (See page 31)
-  NFA 1971, 2007 Edition

### Honeywell Model 6212

5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½
				12	12½	13	13½	14	14½	15	15½	16	

Widths: Narrow, Medium, Wide

The ARFF boot reflects radiant heat to keep feet safer, cooler, and more comfortable.

Increased protection in Proximity fire and rescue.

**Nomex® Lining** creates durable heat & penetration barriers inside this rugged, reinforced fire boot.

**Heavy Duty Construction** includes rugged pull-up loops and reinforced tops that keep boots open and easy to put on. Extra layers in heel and toe increase durability, support and protection.

**Black Lug Outsoles** provide a stable base for balance and traction.

**Night Sight** ultra-high reflection safety stripes from 3M® shine out in low light conditions.

**Flex Shield** steel bottom plate meets NFPA, ASTM, OSHA, CAL-OSHA, and CSA standards for sole puncture resistance.

# ARFF Aircraft Rescue Fire Fighting Footwear

Enhanced Insulation 16" ARFF Bunker  
Men's Model 6211\* – Women's Model 6210\*



- SAFE-TOE® steel toe cap
- Steel bottom plate
- Wool felt midsole
- Supporting steel shank
- Nomex® lining
- Extra heel reinforcement
- Black lug outsole



**SILVER SHIELD**, an exclusive rubber formulation, gives our ARFF boots a surface that is highly reflective to the intense radiant heat of fuel and chemical conflagrations – shown to far exceed ordinary rubber fire boots.

**The only fire boot certified to Proximity NFPA 1971, 2007 Edition** – This boot meets the Federal Aviation Administration Regulation Part 139 as it Pertains to Protective Clothing Requirements for Airport Fire Fighting and Rescue Personnel. (FAA-AC 150/5210-14A JULY 13, 1995)

\*Presently there is no U.S. manufacturer of steel toes or plates capable of handling any volume of production. We have quarantined U.S. made steel components for Berry Amendment products. Military customers should order products identified with a "B" (see price list) in order to be compliant to the Amendment. Please refer to the price list for special pricing.



**OPTIONAL DRYZ™** inserts are available. See page 31 for ordering information.

Width	Model 6210 – Women's									
5	5½	6	6½	7	7½	8	8½	9	9½	10
Narrow (A/B/C)	•	•	•	•	•	•	•	•	•	•
Medium (D/E)	•	•	•	•	•	•	•	•	•	•
Wide (EE/EEE)	•	•	•	•	•	•	•	•	•	•
Special Make-Up Sizes Also Available – Additional Charges May Apply										

Width	Model 6211 – Men's																		
	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	15½	16
Narrow (A/B/C)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Medium (D/E)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Wide (EE/EEE)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Special Make-Up Sizes Also Available – Additional Charges May Apply																			

## Technical Rescue 8" Boot Model 6006

**Wrap-around Goodyear Welt** – Construction that supports and reduces fatigue and ankle sprains and strains. Strength and comfort combine with durability to provide incomparable strength, outstanding performance and enhanced shape that'll last the lifetime of the boots. The longer you wear them, the more comfortable they become.

**NFPA 1951, 2007 Edition Technical Rescue Utility and Rescue and Recovery**  
**NFPA 1999, 2008 Edition Emergency Medical Operations**  
**NFPA 1992, 2005 Edition Liquid Splash/HazMat Emergencies**  
**NFPA 1977, 2005 Edition Wildland (Optional)**

Patented PowerToe®

Metatarsal Guard

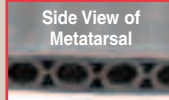
4 Certifications

New  
Optional  
Zipper

The much requested zipper option on the 6006 Technical Rescue boot is now available. The zipper, available as an optional item (see page 34), may be purchased at time of order or at a future time. The zipper will retrofit in all existing 6006 boots, however, a running change to the models lacing system, allows for an easier transition to the zipper.

**Reinforced Stitched Down Sole with Fire/Ice Compound** – Vibram® Fire/Ice Sole adds an extra measure of security on ice and snow. Noticeably improves diagonal and lateral movement as well as controlled acceleration in icy conditions.

**Patented Rubber Metatarsal Guard** – Protects the five long bones in the forefoot connecting the ankle bones to the toe bones. Patented rubber feature is so lightweight you'll barely know it's there...no need to sacrifice comfort for performance and safety.



**Composite Toe Cap** – Eliminates hot/cold conductivity while protecting your toes from impact injuries.



**Comfortable 1" Cushion Collar**  
Prevents rubbing and chafing.

**Crosstech® Moisture Barrier** – Delivers the best liquid penetration resistance against blood, body fluids and chemicals as well as superior waterproof, breathable performance. Day in and day out, Crosstech® moisture barriers stay durable and you stay dry and comfortable.

**Cambrelle® Liner** – Designed, developed and engineered for high performance. Absorbent, abrasion resistant and highly wickable to help keep the environment inside your boots healthy.

**Fire Resistant Advance® Rip Stop Side Panels** – From the same family of tough fibers used in military ballistic vests and helmets. Flexible, puncture resistant and strong even after extreme thermal exposure.

**Premium Full Grain Military AB Leather** – Insulates and protects. Water resistant and abrasion resistant.

**Removable Insert** – Contoured insert dissipates fatigue for total comfort control. Allows for custom orthotics if needed or upgrade to our patented DRYZ™ insert (see page 31).



**Barcoded** – Unique ID number for ease of recordkeeping responsibilities.

**Steel Ladder Shank and Stainless Steel Bottom Plate** – Ladder shank protects and supports the arch area of your foot while the heel to toe full coverage of the steel bottom plate exceeds NFPA requirements for puncture protection.

**Patented PowerToe™** – The three horizontal bumper guards on our PowerToe™ dramatically improve the wearlife of your boots. Rubber guards are a solid 1/8" rubber and will take the abuse of day to day fire service activities.

Fire/Ice  
PowerSole™



Width	Honeywell Model 6006																						
	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	14	15
B					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
D				X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X
E			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EE		X	X	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X
EEE	X	X	X	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X

X = Special Make-Up Sizes – Additional Charges May Apply

## Wildland Fire Fighting Boots

**Ideal for Station or Wildland – Model 3050 (8” Plain Toe) and Model 3051 (8” Steel Toe) – Our Popular Wildland Boots with Goodyear Welt Construction.**

### NFPA 1977, 2005 Edition

**Speed Loops** – For quick donning and doffing of boot. Keeps laces tightly in place and allows for quick snug up.

**Removable/Replaceable Cambrelle® Cushioned Inserts** – Adds comfort and support. OPTIONAL DRYZ™ inserts are available. See page 31 for ordering information.



**Steel Toe Cap** – Protects against impact and compression. Available on style 3051 only.



**Cambrelle® Liner** – Unbeatable for foot comfort and absorbency. High performance fabric fights mold and mildew buildup in footwear. When wearing footwear for hours on end, you can't afford to be without Cambrelle® in your boots.

**Strong, Handy Pull Tab** – For easier donning.

**Padded 1½” Collar** – Allows for a snug fit and helps keep grit, splinters and insects out of boots.

**Silicone Impregnated Military AB Leather** – Water resistant for outstanding comfort and durability.

**Barcoded** – Unique ID number for easy tracking.

**Fiberglass Shank** – Does not promote heat extremes in the arch of the foot. Gives added support and stability to help cut down on twisted ankles.

**Full Wrap-around Goodyear Welt Construction** – Adds support, reduces fatigue and ankle sprains and strains. Unique construction keeps its great fit over the life of the boot. No sloppy fit as the boot ages.



**Vibram Olympia Outdoor Lug Soles** – Designed for superior traction in outdoor fire and rescue situations. The self-cleaning rubber tread maintains maximum slip resistance. Soles are replaceable by construction.

Width	Honeywell Model 3050 and 3051																			
	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	14	15	16
Narrow	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Medium	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Wide	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Special Make-Up Sizes Also Available – Additional Charges May Apply

# Wildland Fire Fighting Boot Model 3060 w/Logger's Heel

NFPA 1977, 2005 Edition Certified



Vibram® True Lug Sole

Our Model 3060 is Being Replaced with the New Model Shown Above on a Running Change.



**Water Resistant Military AB Leather...**  
Protects your feet from varying climatic exposures. Helps keep you dry and comfortable in tough environments.

**2" Logger's Heel...** Gives you the extra support you need when traversing mountainous terrains.

**Full Wrap-around Goodyear Welt...**  
Adds support, reduces fatigue and ankle sprains and strains. Unique construction keeps its great fit over the life of the boot. No sloppy fit as the boots age.

**One Piece, Stitched-down Vibram® True Lug Sole...** Provides solid gripping and traction to keep you secure in a variety of environments and terrains.

**Steel Shank...** Triple rib, pole climbing steel shank gives added support and stability to help cut down on twisted ankles.

**Heavy Brass Eyelets and Studs...**  
For easy donning and doffing.

**Handy Pull Tab...** For easy donning.

**Removable/Replaceable Insert...** Gives total comfort to the environment inside your boots. Keeps interior of boots fresher, dryer and bacteria free.

**Barcoded – Advanced Protective Tracking (APT) Barcoding...** Code 128 symbology incorporating a unique serial number. Symbology information will also appear in written text in the English language. Barcoding will appear in the right boot of each pair and is APT program compliant (see page 4).











**Union Made in the U.S.A.**

Width	Honeywell Model 3060																	
	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	14
Narrow	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Medium	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Wide	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

## Stormking Rubber Hip Boots Model 11451

### 32" Enhanced Insulation

Not NFPA Compliant due to limited sizes. Bunker pants should be worn for fire fighting per NFPA 1500 and 1971. These boots are not compatible with bunker pants.

-  Neoprene roll-over band
-  Built-in urethane/silicone enhanced insulation
-  Heavy duty wool felt lining
-  Wool felt midsole
-  Extra heel reinforcement
-  Heavy duty upper leg shield
-  Upper leg strap
-  Rust resistant buckle
-  White Trac Tread outsole with black heel
-  **Not NFPA Compliant**



## 12" Rescue Pac Model 21622

- Enhanced Insulation
- Heavy-duty zipperNon-slip top strap



NOT NFPA COMPLIANT

Support and rescue personnel also need specialized footwear for their own unique conditions. Although these boots are not compliant with NFPA standards for Structural fire fighting, many departments incorporate them into their protective arsenal for specific uses and applications.



- Steel Midsole
- Fiberglass Shank
- Wool Lining
- ASTM F2413-05
- Trac Tread Outsole



Width	Honeywell Model 11451										
	5	6	7	8	9	10	11	12	13	14	15
W	•	•	•	•	•	•	•	•	•	•	•

Width	Honeywell Model 21622										
	4	5	6	7	8	9	10	11	12	13	
M	•	•	•	•	•	•	•	•	•	•	

## Child Play Firefighter Style Boot Model 63001

## Youth Play Firefighter Style Boot Model 63002



Black/yellow 100% waterproof "Storm Chief" rubber pull-on bunker-style boot. "Fire Helmet" insignia. Pebble grip self-cleaning sole. Removable soft cushion insole. Not designed for high heat or fire fighting – **for children's play use only.**

Honeywell Model 63001										
	5	6	7	8	9	10	11	12	13	
Child Sizes	•	•	•	•	•	•	•	•	•	

Honeywell Model 63002						
	1	2	3	4	5	6
Youth Sizes	•	•	•	•	•	•

## Servus Certification Testing

### Passing the toughest fire boot testing...

#### Performance Proven

The following table is a comparison between:

NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2007 Edition

OSHA Title 29 Code of Federal Regulations Subparts 1910.136 and 1910.156

California OSHA, Title 8, General Industry Safety Orders, Article 10, Section 3385 and Article 10.1, Section 3408

Servus Footwear also meets:

ASTM F2413-05 (ASTM International – formerly American Society for Testing and Materials)  
CSA Z195-2002, Canadian Standard on Protective Footwear



Requirement	NFPA 1971, 2007 Structural	Federal OSHA	California OSHA
Footwear flame resistance	Afterflame ≤ 2 sec no melting or dripping No burn through	NONE	Shell material must withstand effects of flame
Footwear convective heat resistance	No melting, ignition, or separation after 5 min at 500°F	NONE	Shell material must withstand effects of heat
Footwear radiant heat resistance	Lining temp. ≤ 111°F after 1 min 1.0 W/cm <sup>2</sup> exposure	NONE	NONE
Footwear electrical resistance	Current leakage ≤ 3 mA with 14,000 volt application	NONE	NONE
Footwear liquid-tight integrity	No water leakage after 5 min at 500°F and 100,000 flex cycles	Water-resistant 5 inches above sole	NONE
Upper conductive heat resistance	2 <sup>nd</sup> burn time ≥ 10 sec; pain time ≥ 6 sec with 536°F surface contact	NONE	NONE
Upper puncture resistance	Puncture ≥ 13 lbs force	NONE	NONE
Upper cut resistance	Cut length ≥ 1 inch at 800 gram force	NONE	Shell material must withstand effects of sharp objects
Composite/seam liquid penetration resistance	No penetration of AFFF, battery acid, gasoline, hydraulic fluid, and pool chlorine after 1 hr	NONE	NONE
Composite/seam viral penetration resistance	No viral penetration after 1 hr	NONE	NONE
Toe compression resistance	≥ 1/2" clearance after 2,500 lbs force	16/32" (men) or 15/32" (women) after 2,500 lbs force	16/32" (men) or 15/32" (women) after 2,500 lbs force
Toe impact resistance	≥ 1/2" clearance after 75 ft- lbs impact	16/32" (men) or 15/32" (women) after 75 ft- lbs impact	16/32" (men) or 15/32" (women) after 75 ft- lbs impact
Ladder shank bending resistance	Bending ≤ 1/4" at 400 lbs force	NONE	NONE
Sole conductive heat resistance	Insole temp. ≤ 111°F after 20 sec 932°C surface contact	NONE	NONE
Sole puncture resistance	Puncture force ≥ 272 lbs force	Puncture force >300 lbs force	NONE
Sole abrasion resistance	Abrasion index ≥ 100	NONE	NONE
Sole/heel slip resistance	Coefficient of friction ≥ 0.75 (dry)	Must have slip resistant sole	Must have slip resistant sole
Thread melting resistance	No melting at 500°F	NONE	NONE
Hardware heat resistance	No melting, remains functional after 5 min 500°F oven exposure	NONE	NONE
Hardware corrosion resistance	No corrosion after 20 hrs of 5% salt spray Remains functional	NONE	Ladder shanks, midsoles, and fasteners must be corrosion resistant
Eyelet/stud post attachment	Pull strength ≥ 66 lbs force	NONE	NONE
Label durability after abrasion	Remains legible after 200 abrasion cycles	NONE	NONE
Label durability to heat exposure	Remains legible after 10 min 285°F oven exposure	NONE	NONE

#### Servus

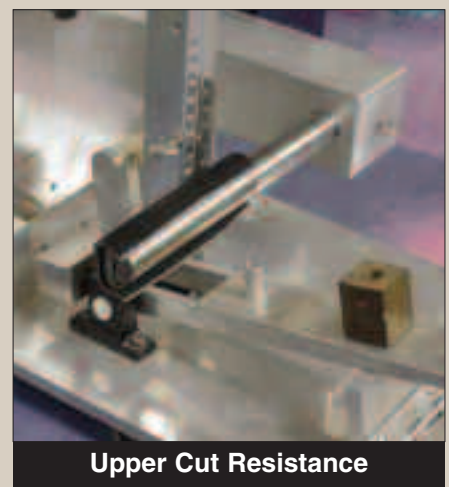
To wear the proud Servus label, fire boots must meet or surpass the stringent requirements for safety and fatigue-fighting comfort as specified by NFPA, as well as the additional standards we demand in our own lab and field testing.



Sole Puncture Resistance



Conductive Heat Testing



Upper Cut Resistance



Classified by Underwriters Laboratories Inc.® in accordance with the National Fire Protection Association 1971 Standard on Protective Ensemble for Structural Fire Fighting, 2007 Edition.

## Comfort Cushion Insole

### Model 27001

Men's full sizes  
3 to 15  
Wide  
width  
only



## Brannock Sizing Device

Model 900 – Men's  
Model 00098 – Women's

## Zippers



For Boot Model 3006

**Model 3016** – up to size 10

**Model 3017** – from size 10½ and up

For Boot Model 6006

**Model 3018**

Small – Fits Sizes 4-5 Mens – 4.5-7 Womens

**Model 3019**

Medium – Fits Sizes 5.5-10 Mens – 7.5-12 Womens

**Model 3020**

Large – Fits Sizes 10.5-16 Mens



## Cord-Lok® Lace Adjusters Model 2014

For Leather Boots – Package of 2

## Replacement Laces

Model		3050	3051	3006	3060	6006
2022	63" Taslon	•	•			•
2020	74" Taslon				•	•
2024	63" Kevlar®	•	•			•
2021	72" Kevlar®			•	•	•
2018	120" Kevlar®				•	

Taslon Lases are Not Fire Resistant

## The Toe Protector Model 20007

### For Training Only! – Not to be used for fire fighting

- Designed to sacrifice itself while protecting boot toe caps during training exercises
- Sized to fit all Servus and Honeywell boots
- Easy to use and easy to remove
- Strong, lightweight and economical
- Bright yellow color for quick identification

### Protect your investment with this innovative product!

To be a proficient firefighter, you must train and train hard! Much of this training involves crawling, and crawling involves dragging the toes of your boots across concrete and other abrasive surfaces. This TRAINING USE ONLY Toe Protector will sacrifice itself to protect the toe caps of your leather or rubber boots during training exercises.

- There is not an NFPA standard for this type of product, therefore, it is not manufactured to an NFPA standard nor is it NFPA compliant.
- Selection of a proper fitting Toe Protector is important. Wearing a Toe Protector that is not the proper fit could result in tripping and/or falling.
- This Toe Protector should be inspected, cared for and maintained in like manner to your NFPA certified boots – refer to your boot Official User Information Guide for additional information.

## Total Foot Care DRYZ™ Insole Model 904

The revolutionary DRYZ™ insole replacement system combines high performance patented technology with state-of-the-art shock absorbing and cushioning materials. DRYZ™ soft forefront cushions the foot as moisture is converted to a dry gel throughout the day. Most models have soft biomechanically engineered contoured polyurethane heel and arch which cushion the foot and absorb shock, reducing stress on the ankles, the back and the neck.

The unique DRYZ™ system uses advanced technology to absorb and gel moisture, kill odor, and fight bacteria and fungi. Within hours after use, DRYZ™ is fresh and ready to begin the process all over again the next time you wear your boots.

**This is how it works:** The fabric insert wicks away perspiration from the body and transports it to a layer of copolymer foam. Upon contact with perspiration, it absorbs and stores moisture away from the skin in a gel-like substance. Special patented odor killing agents destroy odor on contact. Additional additives fight the growth of fungi and odor-causing bacteria. The gelled moisture dissipates continuously throughout the day and completely when the product is removed...ready for its next use. Fits all Servus and Honeywell boots.



(Patented)



Toe Protector Size	Leather Boot Size					
Small	5	5½	6	6½	7	7½
Medium	8	8½	9	9½	10	10½
Large	11	11½	12	12½		
Extra Large			13	14		
XX Large			15	16		

Toe Protector Size	Rubber Boot Size			
Small	6	6½	7	7½
Medium	8	8½	9	9½
Large	10	10½	11	11½
Extra Large	12	12½	13	14
XX Large			15	16



## Studded Second Soles Model SR101 (Patented)

**Handy, quick-fit studded second soles for slippery conditions**

Don't slip on icy surfaces. These oversoles are really second soles you add on in treacherous footing environments. Carbide studs bite into ice and frozen snow. This is traction you can't get with regular outsoles.

- Fits all Servus and Honeywell boots
- Extra strong stretch rubber to fit snugly over shoes and boots
- Practical slip-resistant oversoles store easily in a pocket or work belt until needed
- Handy heel tab grips for easy on and off

### Replacement Studs Kit SR201

- 12 Replacement tungsten carbide studs
- Stud extractor tool
- Stud inserter tool

### Sizing Conversions

#### Models 6006 & 3006:

L fits Men's Sizes 6-10  
XL fits Men's Sizes 10EEE and 11-15

#### All Other Boot Models:

S/M fits Men's Sizes 6-9½  
L fits Men's Sizes 10-12½  
XL fits Men's Sizes 13-15½  
XXL fits Men's Sizes 16+



**Not for Fire Fighting**

**Non-NFPA Compliant**

## Ankle Fit Strap Model BI-ALK (Patented)

The Ankle Fit Strap is basically a Liner Keeper Strap modified to include a spring mounted tension buckle on the circumferential ankle band. The inclusion of the tension buckle means the strap can be used to cinch down the boot at the ankle to allow tighter fit and better ankle support (but it can be left open until after boots are donned to

avoid the more difficult donning of tightly fit boot products).



The Ankle Fit Strap may be ordered as a boot custom option for new or used boots.

## Liner Keeper Strap Model BI-LK (Patented)

A common fireground complaint is pants or pant liners that ride up over the boots. This condition is not only uncomfortable, but it can also allow a breach in the protective envelope.



To address this problem, our Liner Keeper Strap was developed. The Strap is constructed of heavy duty Nomex® webbing and adjusts to the circumference of the particular boot (at the ankle area with hook and pile tape). Extending from the webbing circle at the ankle are two vertical webbing strips (see example at above) that include a series of male and female snap button pieces at various heights. These snap button pieces interface with the hardware on the pants that unite the pant's liner to the outershell. The Liner Keeper Strap is interfaced to the pant/boot interface area by snapping the male snap piece on the liner into a female snap at the correct height on the vertical webbing strip of the strap. A male snap on the reverse side of the same vertical strip is snapped into a female snap on the pant's outershell. The result is a secure attachment between boot and pants that helps prevent pant ride-up over boots, while preserving unrestricted air flow and easy motion. Once adjusted, the strap may be released from the boot via the hook and pile tape to allow laundering with the pants or a change in boots easily.

The Liner Keeper Strap is available as a boot custom option.

## Copyrights and Registered Trade Names...

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## List of Proprietary Honeywell First Responder Products Patents...

Ankle Fit Strap (Patented)

Bloodborne Pathogen Resistant

Interface Capability (BPR)

Liner Keeper Straps (Patented)

Silver Shield (Patented)

Studded Second Soles (Patented)

Toe Protector (Patented)

## Highest Ethical Standards

Honeywell First Responder Products recognize our success is possible only because the fire service industry has come to respect our commitment to the highest standards in business practices, product design and customer support. As sustaining members of the following organizations, our brands honor their applicable "Code of Ethics" scrupulously.



IAFC – International Association of Fire Chiefs



NFPA – National Fire Protection Association



NVFC – National Volunteer Fire Council



ISFSI – International Society of Fire Service Instructors



FDSOA – Fire Department Safety Officers Association



NFFF – National Fallen Firefighters Foundation



FEMSA – Fire Equipment Manufacturers & Suppliers Association



Proud Sponsor of The IAFF Fire Fighters Burn Foundation

## Terms and Conditions of Sale

The following is made in lieu of all warranties, expressed or implied: Seller's and manufacturer's only obligation shall be to replace or repair such quantity of the product provided to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the inability to use the product. Before using, user shall determine the suitability of the product for its intended use and user assumes all risk and liability whatsoever in connection therewith.

## Boot Return Policy

1. Any return of perfect boots must be made within 60 days of invoice date.
2. Boots may be subject to a re-stocking charge at our discretion.
3. Boots carry a one-year warranty against manufacturing defects. It will be at our discretion if the boots are replaced. **ABSOLUTELY NO CREDIT FOR NON-MANUFACTURING DEFECTS** i.e., abused boots, etc.
4. No boots can be returned without a return authorization number. **ALL RETURNS MUST BE ARRANGED THROUGH THE DEALER THE BOOTS WERE PURCHASED FROM.**

## Special Make-Up Boot Policy

1. Special make-up boots are subject to an additional charge.
2. Special make-up boots are not returnable.

All terms, conditions and policies are subject to change without notice.

# Honeywell

## First Responder Products

(formerly Total Fire Group)

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