PROTECT ONE. PROTECT ALL.

HONEYWELL CONSTRUCTION SAFETY SOLUTIONS

Helping to protect workers when and where they need it most.



Honeywell

YOU'RE NOT JUST PROTECTING A WORKER. YOU'RE PROTECTING A LIFE.

At Honeywell, helping to protect workers is in our DNA. For decades, we've created comprehensive safety solutions designed to help protect the lives of 500 million workers every day.

As environments change and new worker needs emerge, Honeywell's relentless drive to innovate for a safer future has never been stronger.

In this future, safety solutions adapt to changing needs and environments. They increase productivity and efficiency, instead of getting in the way. And above all, they don't stop working until the last worker safely clocks out.

From acquiring the most well-known safety companies in the industry to pivoting the business to help support the pandemic and everything in between, Honeywell is driven to develop and design innovative **construction** safety solutions that help protect all workers when and where they need it the most.

WHY PERSONAL PROTECTIVE EQUIPMENT MATTERS

There's a true cost to working in the construction industry. And the numbers can be emotionally and financially devastating.

$4M

The average cost of construction fatality

$42K

The average cost of non-fatality injury (compared to $37K industrial avg.)

20%

Of all worker deaths in the US are in construction, but workers only make up 6% of the labor force

1:200

Chance of being fatally injured over a 45-year construction career

FATAL FOUR

TOP CAUSES OF CONSTRUCTION FATALITIES



Falls

39.2%



Struck by Object

8.2%



Electrocution

7.3%



Caught In/Between

5.1%

CONSTRUCTION HAZARDS AND SOLUTIONS

Worksite dangers are everywhere. Take steps to protect your people with the right PPE.



1 HAZARDOUS NOISE
Operating loud construction equipment requires earplugs or earmuffs to help protect against hearing loss.

2 HAND INJURY
Safety gloves help protect hands from sharp objects, heavy machines, chemical & thermal hazards.

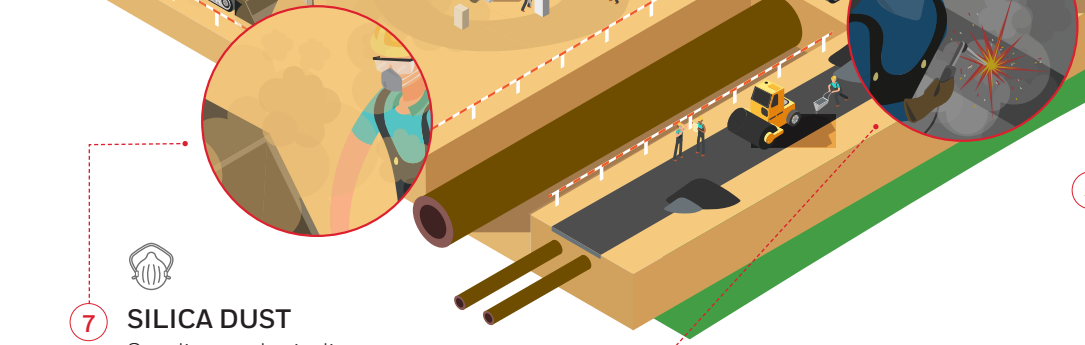


3 EXTREME HEAT
Help protect workers from heat hazards with light-colored hard hats, anti-fog eyewear, lightweight gloves and harnesses.

4 WORKING AT HEIGHTS
Falls from heights result in 39.2% of construction worker fatalities. Lives are at risk if harnesses and other fall protection equipment aren't worn correctly.







5 DROPPED OBJECTS
If objects are dropped from height, fatality risk is about 8.2% on the ground. Tool lanyards and hard hats help protect workers below.

6 WELDING SPARKS & FLASH
Sparks can burn hands and arms. Welding flash can severely harm eyesight. Help keep workers safe with face shields and gloves.

7 SILICA DUST
Sanding and grinding may release crystalline silica dust, a serious respiratory hazard. Appropriate masks are critical.

HONEYWELL CONSTRUCTION PPE

At Honeywell, we have a comprehensive set of PPE solutions specifically designed with the exact hazards of a construction site in mind.

Fall Protection

Respiratory Protection

Head Protection

Eye Protection

Hand Protection

Hearing Protection

First Aid



FALLS ARE THE #1 CAUSE OF FATALITIES IN THE INDUSTRY

FALL PROTECTION

39% of fatalities in the construction industry are a result of falls. That's why reliable fall protection solutions are so important, and why we design our harnesses, SRLs and anchorage systems to be comfortable, durable and easy to use.

Safety innovation lives in the details. For fall protection, that means being lighter, more breathable, and more comfortable. For example, the webbing in the **Honeywell Miller® H500** harness flexes to accommodate movement and body contours, helping to maximize worker range of motion and comfort around the legs and shoulders. Not to mention the **Honeywell Miller® Aircore** harness is 20% lighter and features up to 16% less surface area than other padding, resulting in increased airflow to keep end user cooler and more comfortable. These ergonomic design enhancements reduce body and shoulder fatigue over the course of a long shift.

Our leading edge Self-Retracting Lifelines, including the **Honeywell Miller® TurboLite Edge**, are highly durable and can withstand sharp edges, helping to keep workers safer in the event of a fall.



Honeywell Miller® H500



Honeywell Miller® Aircore



Honeywell Miller® TurboLite Edge

RESPIRATORY PROTECTION

Respirable crystalline silica can be found on almost all construction sites, particularly where workers are grinding, sawing and cutting materials like concrete, stone, brick, mortar and sand.

The Permissible Exposure Limit (PEL) of 50 micrograms per cubic meter of silica dust is **roughly the equivalent of a small sugar packet spread out over an entire football field**. And without the proper respiratory protection, workers may not see or feel the effects now, but could end up with serious health issues later in life. That's why OSHA mandates that employers limit workers' exposure to respirable crystalline silica and provide the appropriate NIOSH-certified filtering respirator.

Comfort plays a large part in respiratory protection compliance: if respirators aren't comfortable, workers won't wear them (or wear them correctly). Honeywell's disposable respirator solutions, like the **DF300 Flatfold** and **DC300 Disposable** Respirators, offer moisture resistance, increased breathability, and a universal design that fits most faces.



DF300



DC300



Saf-T-Fit

HEAD PROTECTION

Construction sites pose potential exposure to dropped objects, impacts, and bumps to the head. Our hard hats and safety helmets provide best-in-class protection, comfort, and reliability. With stylish, lightweight shell designs, suspension height adjustment and comfortable padding, workers won't just have to wear them – they'll want to.

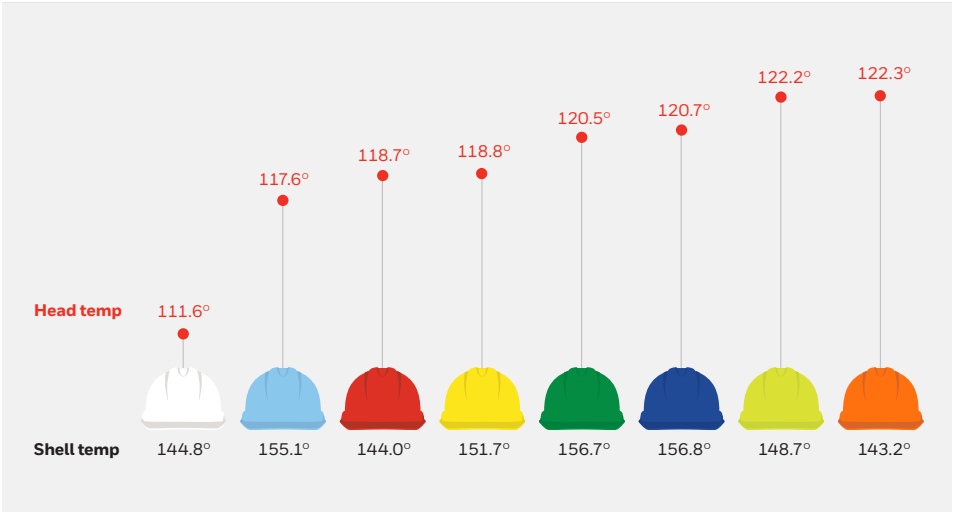
Full brim and low-profile designs provide increased field of vision and user mobility, while our safety helmets offer a snug fit and peace of mind for workers working at heights. Some styles even work well paired with our required PPE, featuring slots for cap-mounted earmuffs, face shields and other PPE accessories.



Fibre-Metal Full Brim Hard Eat (E1)



Fibre-Metal Safety Helmet





DID YOU KNOW?

Lighter colored hard hats scientifically help keep workers cooler when working outdoors in the heat. Honeywell studies show that in a 90° F environment, the temperature surrounding a worker's head is lowest with hard hats that are white and highest with hard hats that are orange or high-visibility yellow.

EYE PROTECTION

Two major reasons for worker eye injuries include not wearing eye protection and wearing the wrong kind of eye protection for the job. And wearing ill-fitting safety eyewear can be just as dangerous as wearing none at all. Keeping workers safe with reliable eye protection is critical. With the growing demand for more stylish eyewear, you can also strengthen compliance with our modern designs. There are many eye hazards on a job site, including impact hazards and dust. Our comprehensive line of eye protection includes industrial strength safety eyewear, safety goggles, face shields, welding goggles and welding shields. Our products deliver the highest levels of protection, comfort, fit, durability and style.

Honeywell's Uvex Avatar® Safety Eyewear family provides fully adjustable safety glasses that fit today's diverse workforce. Stylish **Uvex Avatar®** products offer glasses coated with **Uvex HydroShield® Anti-Fog** technology, which keeps glasses fog-free 90X greater than most other coatings, with anti-scratch built-in. Since 2 out of 3 adults wear Rx eyeglasses, Avatar also offers **Avatar® Over-the-Glass and Avatar® Rx** (Prescription frames). And for outdoor "safety sunwear," the **Uvex Hypershock®** line includes polarized, mirror and Uvex HydroShield Anti-fog coated lenses.



Uvex Avatar and Avatar® OTG



Uvex Hypershock®

HAND PROTECTION

Working with sharp objects and heavy machinery, plus consistently repetitive motion, exposes workers' hands to serious potential injury. Our industrial safety gloves are designed to help keep workers safe and efficient when handling all types of surfaces and components in various environments.

Honeywell offers a wide range of safety gloves that are cut-resistant and lightweight, providing top-of-the-line hand protection.

For example, **Rig Dog™ Knitted and Dipped** high impact gloves provide ultimate cut-resistance in 3 styles: Grip Plus, Water Protection and Cold Protection. The seamless machine knit allows better dexterity to handle small parts and are comfortable to wear during long shifts in tough environments.

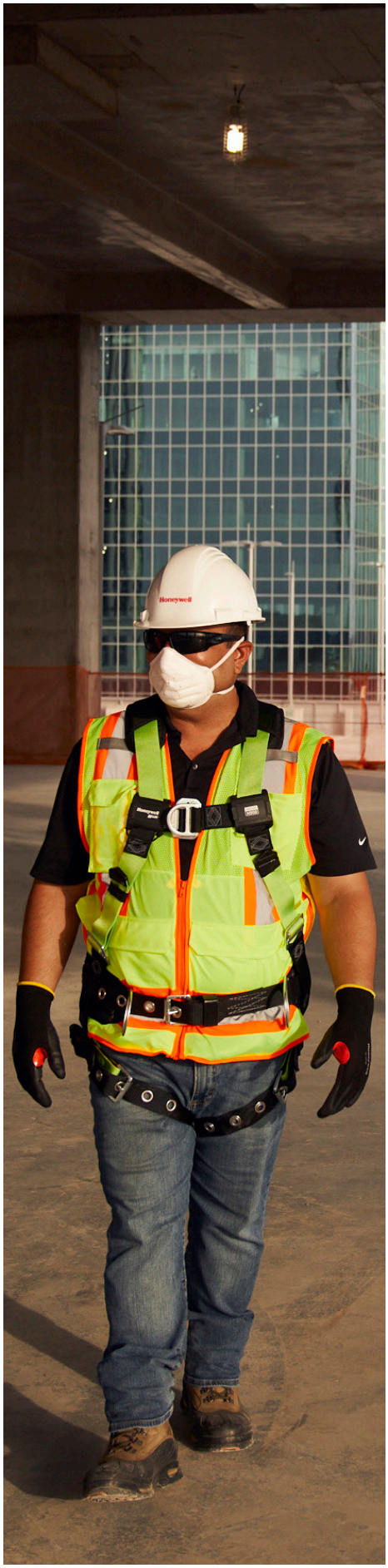
Cut-resistance, comfort and dexterity can also be found in **Honeywell CoreShield™** gloves. They're available in all levels of cut-resistance, from lowest (A/A1) to highest (F/A9). Thanks to CoreShield™ engineered yarn and CoreShield™ high performance coating, these gloves are very light, breathable and comfortable, while also providing superior grip.



Rig Dog™ Knit Grip Plus



CoreShield™



HEARING PROTECTION

Construction environments use loud machinery and tools to get the job done. While hazardous noise may not cause adverse effects immediately, exposure to it adds up cumulatively over time. Long-term hearing can be impacted by not having the right fitting ear protection.

From innovative electronic earmuffs to connected earmuffs, our hearing protection solutions are designed to fit and seal to the worker's ear perfectly. For example, the **Verishield™ 100 Series** passive earmuffs comfortably fit a wide range of head sizes, have wide cup openings to accommodate larger ears or hearing aids, feature a lightweight cushioned headband and memory foam ear cushions for greater comfort.

Our earplugs, like the **Howard Leight MAX®** and **Howard Leight TrustFit®**, expertly cancel noise and manage sound in acoustically challenging environments. The MAX® disposable earplug is the world's most popular polyurethane foam earplug. The enhanced contoured shape is easy to insert and resists backing out of the ear canal. The **TrustFit® Pod** reusable push-in earplugs are designed with an ergonomic stem and dimpled foam tip so they're easy to fully insert and remove. They're available in corded or non-corded styles.

With the right protection, we can help preserve hearing for a lifetime.



Vershield™ 100



Howard Leight MAX®, Howard Leight TrustFit™

NOISE EXPOSURE RATES & EFFECTS

51%
of construction workers have been exposed to hazardous noise

25%
of noise-exposed tested construction workers have a material hearing impairment (impacts day-to-day activities)

16%
of noise-exposed tested construction workers have hearing impairment in both ears

14%
of construction workers have difficulty hearing

FIRST AID

Accidents happen, and when they do, having the right first aid supplies on hand is essential. Our top quality, high-performance first aid supplies offer effective treatment for a variety of work-related injuries. From first aid kits to eye washing stations (no plumbing needed!) and refills, our industrial first aid solutions provide peace of mind and quick and easy relief in the event of an emergency.



Eyesaline Bottles



Pure Flow 1000 Eyewash Station



LET HONEYWELL BE YOUR GUIDE

With the multitude of hazards present on a construction site, knowing how and where to find solutions can be daunting. Let Honeywell be your guide to helping create a safer working environment. With our legacy as an expert in the field of safety and our continued innovation in safety product solutions, you can rely on Honeywell's trustworthy products to give you peace of mind, while helping provide workers the safety they need. Because at the end of the day,

> You're not just protecting a worker.
> You're protecting a life.

For more information
sps.honeywell.com

Honeywell PPE
9680 Old Bailes Rd
Fort Mill, SC 29707
1 (877) 841-2840
www.honeywell.com

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THE FUTURE IS WHAT WE MAKE IT

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