HONEYWELL NORTH® PRIMAIR® 900 SERIES HEADGEAR



Driving Safety with Comfort, Ease of Use and Ergonomics

Integrating comfort, ease of use and ergonomics, the Honeywell North® Primair® 900 (PA900) Series Headgear offers among the most comfortable, flexible, all-in-one eye, face, head and respiratory protection available.

Honeywell

THE NEED FOR COMFORT AND CONVENIENCE

To protect employees in work environments where they're exposed to airborne contaminants, OSHA's Respiratory Protection Standard requires an estimated five million workers throughout the United States to wear respirators. That covers approximately 1.3 million workplaces in industries ranging from manufacturing, shipbuilding and chemical to pharmaceuticals and oil and gas.[1]

Ensuring employee compliance with that standard isn't easy — particularly when respirators often must be worn for shifts lasting eight hours or more.

Uncomfortable, poor-fitting headgear systems can cause fatigue and impede performance. The same applies if they don't work with other PPE. The result: the headgear systems are more likely to be seen as too much of a hassle for the perceived risk and less likely to be worn correctly, if at all.

Honeywell overcomes these challenges with the lightweight, well-fitting and unobtrusive PA900 Series. Compatible with a variety of other PPE, the PA900 Series is designed to help increase employee compliance with OSHA's Respiratory Protection standard — and provide exceptional yet comfortable protection.





reddot

The PA920 respirator, part of the PA900 Series, won a 2021 Red Dot design award, recognizing its best-in-class design and ability to marry functionality and safety.

1. https://www.osha.gov/laws-regs/federalregister/1998-01-08

THE HONEYWELL PA900 SERIES HEADGEAR LINE

The Honeywell North® Primair® 900 (PA900) Series Headgear is an all-in-one eye, face, head and respiratory safety solution that delivers ANSI-certified and NIOSH-approved protection for a variety of applications and across a wide range of industries.

Like all Honeywell PPE, the PA900 Series Headgear centers around three core pillars: comfort, ease of use and ergonomics, and offers a range of protection levels and PPE compatibility.



ERGONOMICALLY DESIGNED FOR COMFORT AND EASE OF USE

Engineered with the well-being of employees first and foremost, the PA900 Series prioritizes comfort. It features an ergonomic design that makes the headgear light, well-fitting and unobtrusive when worn in a variety of work environments where protection from airborne contaminants and particles is critical.



Comprised of highly durable materials, the headgear includes a multi-point adjustable suspension system with a retention cradle for optimized fit. The ratchet at the back of the headpiece is easy to grab and adjust to help ensure a precise fit for various head sizes, even when wearing gloves. It's also easy to take on and off.

The anti-fog, anti-scratch, replaceable visor provides clear visibility with downward and peripheral vision. The headgear offers excellent thermal comfort with an optimized and adjustable air-flow distribution that keeps air away from workers' faces to mitigate dry eyes or directs it toward the face for cooling.



The PA900 Series is compatible with hearing protection. The shrouds, offered in four options, are flame-, spark-, splash- and chlorine-resistant.

THE PA900 SERIES OFFERS

COMFORT

- Excellent thermal comfort via optimized air-flow distribution
- Adjustable center-of-gravity
- Multi-point adjustable suspension system with retention cradle
- Breathable sweatband; easily removable, washable and replaceable

CONVENIENCE

- Wide field of view
- Visors with anti-fog and anti-scratch coatings
- Easy grip ratchet for smooth and precise headband adjustment, even when wearing gloves
- Easy maintenance and cleaning; removable parts and replacement parts available to don and doff

ERGONOMICS

- Three-level height adjustment (low, medium, high) for greater stability, balance and retention
- Ergonomic headband for easy adjustment to three different sizes (small, medium/large and extra large)
- Removable, replaceable rear comfort cradle for improved fit and comfort
- Compatible with hearing protection

PAPR COMPATIBILITY

It's designed for use with the Honeywell North® Primair® 700 Series belt-mounted Powered Air Purifying Respirator (PAPR) when paired with the PA900 breathing tube, PA032. These respirators are ideally suited for applications where non-powered air-purifying respirators aren't practical or the higher protection factor of a hood is required, yet the atmospheres aren't immediately dangerous to life and health (IDLH).

PA900 SERIES | PA700 PAPR COMPATIBILITY

The Honeywell North® Primair® 900 Series headgear is designed for use with either the Honeywell North® Primair® 700 Serie belt mounted Powered Air Purifying Respirator (PAPR) paired with the PA900 Breathing Tube, PA032.



PA700 Series PAPR Blower Unit

Approved for Use



PA923



PA922



PA921DL



PA921DS



PA921



PA911



FLEXIBLE OPTIONS

The PA900 Series of headgear is available as a head cap-style PAPR with a face seal, offering ANSI Z87+ ear and eye protection, or as a hard hat-style PAPR with a face seal, providing ANSI 787+ ear and eye protection, along with ANSI Z89.1-2020; Type 1, Class G head protection.

In addition, the hard hat version is available with a long disposable shroud to provide additional head, neck and shoulder protection or a short disposable shroud that helps provide head and neck protection only. It's also available with a standard reusable shroud that's suitable for dust and light chemical applications or with a premium reusable shroud for use in heavy chemical applications.

All versions include the PA032 breathing tube to connect the PA900 Series headgear to the PA700 Series or PA500 Series PAPR.

PA900 SERIES | HEADGEAR SOLUTION

PA910 Series	PA920 Series				
Head Cap with Face Seal	Hard Hat with Face Seal	Hard Hat with Short Disposable Shroud	Hard Hat with Long Disposable Shroud	Hard Hat with Standard Shroud*	Hard Hat with Premium Shroud**
PA911	PA921	PA921DS	PA921DL	PA922	PA923
					

HONEYWELL EXPERTISE AT WORK

Honeywell sets the bar high for respiratory protection products with ergonomically designed solutions that offer optimal worker comfort, convenience and protection. For decades, we've designed comprehensive head-to-toe PPE solutions to help protect the lives of 500 million workers every day.

Combining long-standing expertise in respiratory protection and a deep commitment to understanding and meeting worker needs, Honeywell engineers solutions that optimize safety without impeding efficiency, and that maximize comfort to facilitate both compliance and work performance.

From NIOSH-approved N95 disposable respirators to reusable half masks and full facepiece respirators, Honeywell delivers solutions to help people breathe easier and stay safer.

For more information, please visit: sps.honeywell.com.

* Standard shroud for use in dust and light chemical applications

** Premium shroud for use in heavy chemical applications

PA900 HEADGEAR: PAPR COMBINATIONS



PA911

Head Cap + Face Seal

Honeywell's respiratory PAPR face shield with integrated impact-resistant visor, enhanced ergonomics and comfort, appealing aesthetics and more user-friendly headgear that is suitable for use in working areas where eye/ear/face protection could be required, but approved head protection is not required.

Approvals: NIOSH; ANSI Z87+; APF 25 (OSHA).
Weight: Approx. 1.85 lb.
Material: visor, coated polycarbonate, anti-scratch, anti-fog.
Sample applications: paint spraying, general maintenance.



PA921

Hard Hat + Face Seal

Honeywell's respiratory PAPR face shield with a hard hat for head protection to ANSI Z89.1-2020; Type 1, Class G. Features an integrated impact-resistant visor, enhanced ergonomics, appealing aesthetics and more user-friendly headgear. Suitable for use in working areas where eyes/face/ears/hard hat protection is required and/or preferred.

Approvals: NIOSH; ANSI Z89.1-2020 Type 1, Class G; ANSI Z87+; APF 25 (OSHA).
Weight: Approx. 1.96 lb.
Material: visor, coated polycarbonate, anti-scratch, anti-fog.
Sample applications: paint spraying, general maintenance with required hard hat protection.



PA921DS

Hard Hat + Disposable Short Shroud

Honeywell's respiratory PAPR face shield with hard hat protection to ANSI Z89.1-2020; Type 1, Class G and a short, disposable shroud providing head and neck protection, splash resistance and chlorine resistance. Features an integrated impact-resistant visor, enhanced ergonomics, lightweight comfort and more user-friendly headgear.

Approvals: NIOSH; ANSI Z89.1-2020 Type 1, Class G; ANSI Z87+; APF 1,000 (OSHA).
Weight: Approx. 2.55 lb.
Material: visor, coated polycarbonate, anti-scratch, anti-fog, polyester short shroud.
Sample applications: paint spraying, general maintenance with required hard hat protection.

PA900 HEADGEAR: PAPR COMBINATIONS



PA921DL

Hard Hat + Disposable Long Shroud

Honeywell's respiratory PAPR face shield with hard hat protection to ANSI Z89.1-2020; Type 1, Class G and a long disposable shroud with head, neck and shoulder protection with splash resistance and chlorine resistance. Features an integrated impact-resistant visor, enhanced ergonomics, appealing aesthetics and more user-friendly headgear.

Approvals: NIOSH; ANSI Z89.1-2020 Type 1, Class G; ANSI Z87+; APF 1,000 (OSHA).
Weight: Approx. 2.67 lb.
Material: visor, coated polycarbonate, anti-scratch, anti-fog, polyester long shroud.
Sample applications: paint spraying, general maintenance with required hard hat protection.



PA922

Hard Hat + Standard Shroud

Honeywell's respiratory PAPR face shield with hard hat protection to ANSI Z89.1-2020; Type 1, Class G and a standard, reusable shroud suitable for dust and light chemical applications. Features an integrated impact-resistant visor, enhanced ergonomics, appealing aesthetics and more user-friendly headgear.

Approvals: NIOSH; ANSI Z89.1-2020 Type 1, Class G; ANSI Z87+; APF 1,000 (OSHA).
Weight: Approx. 2.96 lb.
Material: visor, coated polycarbonate, anti-scratch, anti-fog, polyester blend long shroud.
Sample applications: heavy industry, general maintenance with required hard hat protection.



PA923

Hard Hat + Premium Shroud

Honeywell's respiratory PAPR face shield with hard hat protection to ANSI Z89.1-2020; Type 1, Class G and a premium, reusable shroud suitable for heavy chemical applications. Features an integrated impact-resistant visor, flame and spark-resistant shroud, appealing aesthetics and PPE-compatible, user-friendly headgear.

Approvals: NIOSH; ANSI Z89.1-2020 Type 1, Class G; ANSI Z87+; APF 1,000 (OSHA).
Weight: Approx. 2.95 lb.
Material: visor, coated polycarbonate, anti-scratch, anti-fog, flame-resistant viscose shroud with silicone coating.
Sample applications: chemical industrial applications, heavy industry, with required hard hat protection.

PA900 SERIES SKU & ORDERING INFORMATION

Approved for use with the Honeywell North® PA700 Series PAPR Blower Systems. See NIOSH approval label for further details.

PA900 SERIES HEADGEAR ASSEMBLIES	
PA911	Head Cap + Faceseal + PA032 Breathing Tube
PA921	Hard Hat + Faceseal + PA032 Breathing Tube
PA921DS	Hard Hat + Disposable Short Shroud + PA032 Breathing Tube
PA921DL	Hard Hat + Disposable Long Shroud + PA032 Breathing Tube
PA922	Hard Hat + Standard Shroud + PA032 Breathing Tube
PA923	Hard Hat + Premium Shroud + PA032 Breathing Tube

PA900 SERIES HEADGEAR ASSEMBLIES	
PA961	Faceseal
PA9312AM	Disposable Shroud, Long, NIOSH
PA9311AM	Disposable Shroud, Short, NIOSH
PA932AM	Shroud, Reusable Standard, NIOSH
PA933AM	Shroud, Reusable Premium, NIOSH
PA032	Breathing Tube for PA900 Series Headgear
PA934	Shroud Frame
PA951	Forehead Seal
PA991	Pivot Kit
PA981	Visor Frame
PA9711	Visor Standard
PA9713	Visor UV/IR Shade 3.0
PA9715	Visor UV/IR Shade 5.0
PA905	Peel off Visor covers
PA903	Head Suspension

*All Kit assemblies includes the PA032 breathing tube for the PA900 Headgear series used to connect the headgear to the PA700 Series PAPR of your choice

For more information
www.sps.honeywell.com

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THE FUTURE IS WHAT WE MAKE IT

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