Face Shields

WARNING: Per ANSI and CSA Standards <u>for impact protection</u>, face shields are secondary protection and must be worn with safety eyewear or goggles. When used in medical environments <u>where impact resistance is not needed</u>, either face shields or goggles may be worn, depending on prevailing conditions and user preference. WHO Guidelines on use of PPE in the context of filovirus disease outbreak response specifically advise against use of face shields and goggles together, as long as one is used with a disposable fluid-resistant surgical mask, but WHO does not state a preference for either face shields or goggles.



Disposable Face Shield

- Lightweight, disposable face shield with elastic headband
- · Specifically made for blood-borne pathogen protection

SKU

558131E



Bionic[®] Shield

Full shield design provides built-in chin protection and extended top-of-head coverage*

- For workers exposed to falling or flying objects, impact, chemical splash and airborne debris
- · Excellent optics provide increased visibility
- · Lightweight, balanced, ergonomic design for extended use
- Dual position headgear provides a customizable fit
- Comfortable cell foam on back of headgear
- · Breathable, removable, washable headband
- Easily replaceable visor—available in Clear, Shade 3.0 and Shade 5.0—allows for multiple tints and use in a variety of applications
- Comfortably worn with most goggles and respirators (see WHO guidance for workers in filovirus disease environments
- 100% dielectric no metal parts
- Meets the ANSI Z87.1-2010 standard
- Certified to the requirements of the CSA Z94.3 standard
- · Made in USA

Item#Visor Tint/Visor CoatingDescriptionS8500Clear Polycarbonate/UncoatedBlack Matte Face ShieldS8510Clear Polycarbonate/Anti-fog/HardcoatBlack Matte Face Shield

*For impact protection, Face shield as required by ANSI and CSA.



High Performance® Face Shield Headgear

- Crowns made of advanced, heat-resistant Noryl® Material
- Tough, 3C ratchet suspension
- 3 crown sizes
- Suspension can be removed to accommodate a range of Fibre-Metal attachment systems
- Meets ANSI Z87.1 standards and certified to CSA Z94.3

SKU	Crown Size	Suspension	Color
F400	4"	3C Ratchet	Gray Noryl
F500	7"	3C Ratchet	Gray Noryl



Uvex Turboshield[™]

- Patented head-cushioning suspension cradle provides 300% greater contact area than traditional suspensions to eliminate pressure points and provide superior comfort
- Patent-pending push-button visor attachment and release system allows for the quickest, easiest visor exchange available
- Toric-shaped visor provides 50% more chin coverage compared to traditional visors
- Large, ergonomically designed control knobs are easy to adjust even while wearing gloves for a
 personalized, comfortable fit
- Patented hard hat adapter design enables visor to slide back seven inches, improving balance and weight distribution
- Dual-hinge adapter design increases clearance by as much as four inches, keeping hard hat accessory slots open for compatibility with other PPE
- Meets ANSI Z87.1-2010 and is certified to CSA Z94.3 standards

SKU	Description	Lens Coating
S9500	Ratchet Headgear, Black	n/a
S9550	Clear, PC Visor	Uncoated
S9555	Clear, PC Visor	Hardcoat, Anti-fog

Goggles

WARNING: Per CDC Fact Sheet released 10/20/14, Goggles are not recommended as standalone eye protection in Ebola environments as they may not provide complete skin coverage in comparison to a single-use, disposable full face shield. Additionally, goggles are not disposable, may fog after extended use, and healthcare workers may be tempted to manipulate them with contaminated gloved hands. Per WHO Guidance on use of PPE released Oct. 31, 2014, either goggles or disposable face shields may be used along with fluid-resistant medical/surgical masks with a structured design that do not collapse when exposed to moisture in order to prevent virus exposure.



Flex Seal®

Lightweight, silicone body conforms to the face to assure the highest level of comfort and eye protection

- Silicone body stays supple even in extreme temperatures and seals to almost any face shape while offering exceptional all-day comfort
- Fits comfortably over most prescription eyewear
- Indirect venting system along with high-performance Uvextreme[®] anti-fog coating minimizes fogging in extreme environments
- Economical lens replacement
- Headband available in fabric or neoprene for chemical applications
- Meets the ANSI Z87.1-2010 standard and is certified to the requirements of the CSA Z94.3 standard
- Made in USA

Item #	Body Color/Lens Tint	Lens Coating	Headband
S3400X	Navy/Clear	Uvextreme AF	Neoprene



Uvex Stealth®

High end styling and comfort for unmatched protection from chemical splash and impact

- Toric lens provides superior optics and peripheral vision
- · Soft, elastomer body flexes and conforms to the face for a secure, comfortable, gap-free fit
- Pivoting, quick-adjust headband provides easy adjustment for a comfortable fit
- Indirect ventilation system and high performance lens coatings minimize fogging
- · Economical lens replacement
- · Available with Rx lens insert
- Available in Clear, Amber and Gray lens tints for a variety of applications
- Meets the ANSI Z87.1-2010 standard and is certified to the requirements of the CSA Z94.3 standard
- Made in USA

Item #	Body Color/Lens Tint	Lens Coating	Headband
S3960CI	Gray & Gray/Clear	Uvextreme AF	Fabric



Uvex Stealth® OTG (Over-the-Glass)

Protection from impact, dust, airborne particles, chemical splash and optical radiation (UV and welding/heat radiation)

- Fits comfortably over most prescription eyewear
- Soft, elastomer body flexes and conforms to the face for a secure, comfortable, gap-free fit
- Pivoting, quick-adjust headband provides easy adjustment for a comfortable fit
- Available exclusively with high-performance Dura-streme[®] dual anti-fog/anti-scratch coating, as well as a wide range of lens tints
- Economical lens replacement
- Meets the ANSI Z87.1-2010 standard and is certified to the requirements of the CSA Z94.3 standard
- Made in USA

Item #	Body Color/Lens Tint	Lens Coating	Headband
S3970D	Navy/Clear	Dura-streme HC/AF	Neoprene

Disposable Gloves



Honeywell PowerCoat®

Premium 8 mil Nitrile Gloves

- Nitrile formulation provides better chemical resistance than latex for incidental exposure
- 100% nitrile does not contain allergy-causing proteins, 8 mil style provides added protection against cuts, snags and tears
- · Comply with USDA and FDA regulations, 21 CFR

SKUDescriptionSizesGrip/CuffLength/GaugePSD-NI8Powder-free, blueS-XXLSmooth/rolled12" / 8 mil



Honeywell PowerCoat® - Tri-Polymer*

Triple polymer protection - nitrile, neoprene and latex blend

• Tri-polymer offers the best of three worlds, chemical resistance of nitrile and neoprene, the comfort and stretch of latex

SKU	Description	Sizes	Grip/Cuff	Length/Gauge
PSD-TRIP	Powder-free, purple	S–XL	Smooth/rolled	12" / 5 mil

*Warning These products contain natural rubber/latex which may cause allergies in some individuals. These allergies can lead to serious illness or death. If an allergic reaction occurs (skin rashes, hives, flushing, itching, nasal, eye or sinus symptoms, shortness of breath, asthma or shock), stop using this product immediately and consult a medical provider.



North[®] Nitriguard Plus[™]

Unsupported Nitrile Gloves

- 100 % nitrile offers superior mechanical strength and outperforms supported natural rubber, neoprene and vinyl gloves when exposed to solvent, caustics and animal fats
- Gloves are free of latex proteins which can cause allergic reactions
- Comply with USDA and FDA regulations, 21 CFR, for use in food processing
- Curved shaped hand provides a natural fit and comfort for less worker hand fatigue

SKU	Description	Sizes	Grip/Cuff	Length/Gauge
LA102G	Green, sanitized interior	11	Sandpatch/straight	13"/11 mil
LA225G	Green, sanitized interior	11	Sandpatch/straight	15"/22 mil
LA258G	Green, sanitized interior	7	Sandpatch/straight	18"/25 mil
LA132G	Green, flock interior	7–11	Sandpatch/straight	13"/15 mil
LA172G	Green, flock interior	11	Sandpatch/straight	13"/17 mil



North[®] Nitri-Knit[™]

Supported Nitrile Gloves

- 100 % nitrile offers superior mechanical strength and outperforms supported natural rubber, neoprene and vinyl gloves when exposed to solvent, caustics and animal fats
- Gloves are free of latex proteins which can cause allergic reactions
- Comply with USDA and FDA regulations, 21 CFR, for use in food processing
- Curved shaped hand provides a natural fit and comfort for less worker hand fatigue
- Nitri-Knit[™] insulated gloves recommended for temperatures from -10°F to 300°F (-23°C to 149°C)

SKU	Description	Sizes	Grip/Cuff	Length	Pack/Case
NK803	Blue, interlock liner	11	Rough/pinked	12"	12 Pr / 144 Pr
NK803IN	Blue, insulated liner	7-11	rough/trimmed	12"	6 Pr / 72 Pr
NK803ESIN	Blue insulated liner	7-11	rough/elastic	26"	6 Pr / 72 Pr

REMINDER:

- Always use the products in accordance with the Manufacturer's instructions of use.
- All gloves must be given a careful visual check before use; they must be in perfect condition, without holes, scratches, or other damage and free of chemicals and other contaminants.
- All gloves must be correctly removed to avoid contamination. Below are glove removal instructions in non-Ebola environments.
- The WHO emphasizes the importance of hand hygiene both before and after donning and doffing gloves.

INSTRUCTIONS FOR THE REMOVAL OF GLOVES IN NON-EBOLA ENVIRONMENTS



1. Grasp the cuff of one glove near your wrist. Carefully pull the glove off.



2. Hold the glove in the palm of the stillgloved hand. Slip 2 fingers under the wrist of the remaining glove.



Pull the glove until it comes off inside out. The first glove should end up inside the glove you just took off. Dispose of the gloves safely.



 Always wash your hands after removing gloves. Gloves can have holes in them that are too small to be seen.

Important Note: See recent regulatory guidance for PPE used in Ebola treatment: http://www.cdc.gov/vhf/ebola/pdf/ppe-poster.pdf and http://www.cdc.gov/vhf/ebola/pdf/ppe-poster.pdf and http://www.cdc.gov/vhf/ebola/pdf/ppe-poster.pdf and http://www.who.int/mediacentre/news/releases/2014/ebola-ppe-guidelines/en/ for instructions on donning and doffing gloves in Ebola environments.

Respiratory Protection

*See WHO guidance on use of fluid-resistant surgical particulate respirators that do not collapse against the mouth while caring for patients with filovirus disease in order to prevent virus exposure.



Sperian N1115 Molded Cup Particulate Respirators *

- 95% filtration efficiency against solid particulates and non-petroleum based liquid aerosols
- · Nose seal shapes mask to nose bridge for improved fit
- · Closed cell foam seal around nose

SKU

· Color coding on nose seal indicates size (red: small, green: medium, blue: large)

Small	Medium	Large	Description
14110390	14110391	14110392	N95 Mask 20 per box



North 7230N95 Flat Fold Particulate Respirators *

- 95% filtration efficiency against solid particulates and non-petroleum based liquid aerosols
- · Lightweight construction with a soft inner layer designed for comfort
- · Elastic headstraps are sonic welded to the inside of the outer layer
- Latex free and silicone free construction
- · Masks are individually bagged to keep from contamination
- · Tear away section on bag for easy opening
- FDA registered Class II Medical Device

SKU	Packaging	Description
7230N95	Dispenser	N95 Mask, 20 per box
7230N95B	Bulk Packed	N95 Mask, 20 per box



Sperian Survivair Blue 1H

- Patient friendly scrub colors (light green, lilac and royal blue)
- Splash guards on P100 filters prevent blood borne pathogen from contaminating the filters
- · Splash guard on exhalation valve directs healthcare worker's breath away from patient.
- Features a speech diaphragm for improved communication
- · Compatible with S-Series filters and cartridges
- · Dual flange silicone provides a more comfortable and secure fit

- · Packaged in a re-sealable bag to protect the respirator from contamination when not in use
- Complete Kit includes mask, 1 set P100 filters and set of splash guards

	Small	Medium	Large	Description
SKU	B210070	B220070	B230070	Complete Kit, light green mask
SKU	B210080	B220080	B230080	Complete Kit, lilac mask
SKU	B210050	B220050	B230050	Complete Kit, Royal Blue mask



Sperian Particulate Filters for use with Blue 1H

SKU Description Packaging 105005 P100 filter 10/Box



North Premium Half Masks 7700 Series

- · Can be adapted to PAPR or Supplied Air for added flexibility in the workplace
- Only 9 replacement parts, for quick and easy strip down and clean
- Both masks are latex free, no need to be concerned about latex allergens
- · Strategically engineered exhalation valve placement allows more breath to be exhaled faster, making the mask more comfortable and cooler to wear

SKU Size Description

770030 Sm/Med/Lrg Soft, comfortable and durable silicone half mask



North 7600 Series Full Facepiece

- 100% Silicone facepiece is soft and flexible to provide workers with a comfortable and secure fit
- · Wide sealing area fits more facial types
- · Nose cup provides less dead air space and channels exhaled breath out
- · Speech diaphragm is standard to amplify workers' conversations
- · Wide panoramic lens provides optimal field of vision in all directions
- · Polycarbonate lens meets ANSI requirements for high impact
- · Also available with welding adapter
- Can be adapted to PAPR or Supplied Air for greater flexibility in the workplace

SKU Size Description

760008A Med/Lrg Premium silicone full facepiece w/5-point headstrap 760008AS Premium silicone full facepiece w/5-point headstrap Small





North Particulate Filters for use with 7700 & 7600 Masks

Packaging Description

7580P100 P100 filter 99.97% efficiency for all particulates Pair N750029 Fach

Shower Cap: For use with North 7580P100 and combination cartridge filters listed below. Deflects moisture during decontamination shower



North Cartridge & Particulate Filter Combination for use with 7700 & 7600 Masks

· Organic vapor and acid gas cartridges provide protection from chlorine and other contaminants used during clean-up. P100 filters provide protection from particulates, including viruses.

SKU **Packaging** Description 7583P100 Pair

Organic Vapor, chlorine, hydrogen chloride, sulfur dioxide, hydrogen sulfide, chlorine dioxide, hydrogen fluoride and P100

filter (99.97% efficiency for all particulates)

Organic Vapor, ammonia, methylamine, formaldehyde, chlorine, 75SCP100 Pair

hydrogen chloride, sulfur dioxide, hydrogen sulfide, chlorine dioxide, hydrogen fluoride and P100 filter (99.97% efficiency for

all particulates)



North Compact Air Powered Air-Purifying Respirator (PAPR)

- · Triple alarm system creates an audible, vibratory and visual alarm to warn workers of battery life and/or filter clog
- Use with North 7700 or 7600 tight fitting facepieces or with North Primair hoods
- Airflow is automatically adjusted to meet OSHA and CSA flow requirements.
- · Optional covers for breathing tube and blower/battery assembly assists with decontamination Breathing tube, hood or facepiece, and filters sold separately

SKU **Packaging** Description CA201D Each Compact Air blower and battery with decon belt and backpad. **Breathing Tube options** CA127 Each 34" straight tube for use with North Primair Hoods 40" straight tube for use with North Primair Hoods CA127L Each CA229 34" 'Y' tube for use with North 7700 and 7600 facepieces Each 40" 'Y' Tube for use with North 7700 and 7600 facepieces CA2291 Fach **Primair Hoods** Assembly includes one hood and one adjustable headgear PA101S Loose Fitting Primair Hood Assembly, size small

Each PA101M Loose Fitting Primair Hood Assembly, size medium Each

PA111 Full bibbed Primair Hood Assembly Each

Replacement Hoods

PA102S 10 per Replacement for PA101S Replacement for PA102S PA102M 10 per PA112 Replacement for PA111 3 per

Breathing Tube and Blower/Battery Covers

CA113 10 per box Fabric covers for straight breathing tubes CA127 and CA127L Fabric covers for 'Y' breathing tubes CA229 and CA229L CA114 10 sets of 3

CA116 10 per box Fabric covers for blower & battery assemby

Cartridges & Filters

High Efficiency Particulate Filters 9HEPA) provide 99.97% protection from all particulates Organic vapor, acid gas and HEPA combination cartridge filters protect against chlorine and other

contaminants that may be used during cleanup and decontamination.

40HE Set of 3 HEPA filters

4003HE Set of 3 Organic Vapor, chloride, hydrogen chloride, sulfur dioxide, hydrogen

sulfide, chlorine dioxide, hydrogen fluoride and HEPA filter (99.97%

efficiency for all particulates)

Important Note: See recent regulatory guidance for PPE used in Ebola treatment: http://www.cdc.gov/vhf/ebola/pdf/ppeposter.pdf and http://www.who.int/mediacentre/news/releases/2014/ebola-ppe-guidelines/en/

Protective Clothing

Important Note: These products are not specifically certified or tested for Ebola protection.



North Gen "AIR" Coverall

- Revolutionary fabric that is soft and breathable.
- Superior resistance to noxious dust and splash in accordance with CE type 5 and 6
- Low lint and therefore ideal for use in a wide range of applications where the wearer needs protection and the environment must not be contaminated with fibers
- · Vented for coolness for greater wearer comfort
- · Elastic waist and knitted cuffs

Item #	Description	Sizes
85596	North Gen "Air" disposable coverall	S to 4XL
35767	Boot cover with elastic top, 10 in (25 cm) high	One Size

Honeywell Safety Products Medical-Related PPE DURATION OF USE

All disposable masks are recommended for a single-use only. After usage, the single-use mask should be discarded. If the mask has been used in an environment where the Ebola virus might be present, we recommend that any cartridges should also be discarded after each use

When using a mask please be sure to comply with all manufacturer's instructions and, in particular:

1. FITTING A MASK

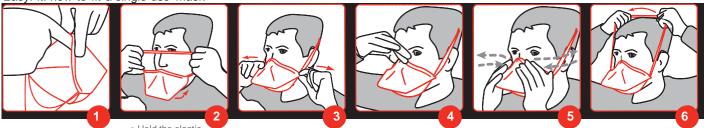
For good respiratory protection, the user must ensure that there is no air leakage.

Move the mask smoothly, from right to left, up and down, in order to achieve the best position of the mask on the face. The facial fit should be checked as follows:

For single-use masks:

- 1. Place both hands over the mask and inhale sharply.
- 2. If you feel air entering around the edges, tighten the nose-piece (for EasyFit and ONE-FIT only) and/or increase tension of the headstraps.

EasyFit: how to fit a single-use mask



- Before fitting the mask:
- Ensure that the mask is worn with the nose- bridge uppermost.
- Open the mask.
- Shape the nose-bridge.
- Hold the elastic headband at each side of the mask.
- Place the lower part of the mask under the chin and the elastic above the ears.
- Adjust the mask by pulling slightly on both sides.
- Mold the nose area to the shape of the face by pinching the nose-bridge from the top to the bottom.
- Check for leak-tightness as follows:
- Place both hands over the mask and exhale sharply.
- If you feel air escaping around the edges, increase tension of the elastic and/or tighten the nose-bridge.
- When discarding the mask, pull the elastic up with both hands over the head without touching the mask.

How to fit a single-use mask:



- Cup the mask in the hand.
- Put the mask on your face starting at your chin.
- First, place the lower headstrap around the neck below the ears, then place the upper headstrap above the ears.
- Move smoothly, right and left, up and down, in order to achieve the optimal position of the mask on the face.
- Check for leaks (pre-use check) as follows:
- Place both hands over the mask and inhale sharply.
- If you feel air entering around the edges, increase tension of the headstraps.

2. FITTING A HALF-MASK

- Place the palms of the hands over the openings in the N5500 fit check/filter covers, inhale and hold your breath for about 5 seconds.
- 2. If the facepiece collapses slightly and no air leaks are detected between the facepiece and the face, a good fit has been obtained. If air leaks are detected, reposition the facepiece on the face and/or readjust the tension of the headbands and repeat the negative pressure.
- 3. Check until an effective seal is obtained.

3. CLEANING A REUSABLE MASK

Depending on the level of exposure, the half-mask (N5500) should be cleaned after each use with a warm water-based cleaning solution (use neutral detergents only) in a non-contaminated atmosphere.

