> > > **RESPIRATORY PROTECTION**

PRODUCT GUIDE

SPERIAN
Protection you can trust

Sperian
The Complete Respiratory Solution

As a leading manufacturer of respiratory protection products, we've been protecting workers against respiratory hazards in many different environments around the world for over 100 years.

We offer one of the most integrated respiratory protection product lines available, from disposable filtering air purifying respirators, reusable half mask and full facepiece respirators (APR), supplied air respirators (SAR), powered air purifying respirators (PAPR), escape breathing apparatus (EBA), self-contained breathing apparatus (SCBA), to Chemical Biological Radiological Nuclear (CBRN) respiratory protection products. We have a respiratory solution for many applications and uses. And all our products meet or exceed strict industry standards, such as NIOSH and/or NFPA.

We've merged several well-known respiratory brands and grown from a prominent manufacturer of self-contained breathing apparatus (SCBA) to our present status as the total respiratory solution.

Sperian is recognized as a worldwide leader in the Personal Protective Equipment (PPE) industry. Organized around three core businesses, head protection, fall protection and body protection, Sperian's mission is to provide men and women with the best possible protection against all types of hazards in the workplace.

In this product guide we have compiled the information you need to better understand your respiratory protection needs and to select the best range of products for your application. Product information is also available on our web site: www.sperian.com.

Sperian - Protection you can trust

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Disposable Filtering Facepiece
The Perfect Blend of Comfort and Protection

Sperian will continue to lead the way in respiratory protection through our complete line of disposable respirators. Our goal is to maximize wearer comfort, fit and protection while assuring respiratory compliance.

Selecting and Using Particulate Filter Disposable Respirators

Filter Categories
There are nine separate filter categories for particulate respirators detailed in NIOSH 42 CFR 84 regulations. These consist of three separate filter classes (N, R, P) at three separate filter efficiencies (95%, 99%, 99.97%).

N−class particulate respirators − approved for solid and liquid particulates, excluding oils. Time use restrictions may apply.
R−class is for both oil and non-oil solid and liquid particulates, with a maximum 8-hour or one shift use, time restrictions when used for oil mists.
P−class respirator is approved for both oil and non-oil particulates and has no time use restriction.

All respirators used as part of a written respiratory program must follow the requirements set forth in OSHA 1910.134 or CSA standard Z95.4-9. OSHA requires that all respirators, including disposables, be fit tested at least annually. Disposable particulate respirators can be fit tested using the Bitrex® or Saccharin qualitative fit test method. Disposable filtering facepieces can also be fit tested quantitatively using a PortaCount machine for N99 and P100, and with the N95 PortaCount Companion for N95.

Nomenclature

SAF-T-FIT®

Filter Class	Particulate Efficency	Product Series	Style
N = Not Resistant to Oil Mists	95 = 95%	10 = STF Non-valve 20 = STF Valved	F = Flat Fold
N	95	10	F
N	95	20	F

SAF-T-FIT Plus

Filter Class	Product Series	Seal and Valve options	Particulate Efficency	Nuisance Protection
N = Not Resistant to Oil Mists P = Oil Proof	11 = STF + Molded Cup Cup Series	0 = No Seal, No Valve 1 = Boomerang Seal 2 = Boomerang Seal & Valve 3 = Full Face Seal, Valve, Adjustable Straps	5 = 95% 9 = 99% 0 = 99.97% (100)	OV = Organic Vapor AG = Acid Gas 1 = Organic Vapor
N	11	0	5	
N	11	1	5	
N	11	2	5	
N	11	2	5	- OV
N	11	2	5	- AG
N	11	3	9	
P	11	1	5	
P	11	3	5	
P	11	3	5	- 1
P	11	3	0	

ONE-Fit® N95

Filter Class	Product Series	Strap Type	Particulate Efficency	Valve Option
N = Not Resistant to Oil Mists	B = Basic	W = Welded Elastic Straps	95 = 95%	V = Valved
N	B	W	95	
N	B	W	95	V

ONE-Fit Healthcare N95

Product Group	Filter Class	Product Series	Strap Type	Particulate Efficency	Style
HC - = Healthcare	N = Not Resistant to Oil Mists	B = Basic	0 = Stapled / Molded Cup 2 = Dual Welded	95 = 95%	F = Flat Fold
HC -	N	B	0	95	
HC -	N	B	2	95	F

Disposable Filtering Facepiece
Respirator Product Matrix

There are many options to choose from when selecting a Sperian Disposable Respirator. From economy to premium filtering facepieces, select the model that works best for your respiratory need and budget.

	Economy			Standard		Premium			
	Universal Size		Multi-Size	Multi-Size		Univ. Size	Multi-Size		
	Intel. Shape/ Welded Straps	Nose Foam		Boomerang Nose Seal		Surgical N95	Adjustable Straps & Full Face Seal		
		N95		N95	P95	N95	P95	N99	P100
Non-Valved Molded Cup	NBW95		N1105	N1115	P1115	HC – NB095			
Flat Fold		W1400		N9510F (nose seal)		HC – NB295F			
Valved Molded Cup	NBW95V			N1125			P1135	N1139	P1130
Flat Fold				N9520F (nose seal)					
OV Nuisance Molded Cup				N1125 – OV			P1135 – 1		
AG Nuisance Molded Cup				N1125 – AG					

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	HC – NB295F	HC – NB095	W1400	NBW95	NBW95V	N1105	N1115
Adhesives			●	●	●	●	●
Agriculture							
Plowing			●	●	●	●	●
Grain Production			●	●	●	●	●
Pesticides (Low Vapor)							
Automotive / Marine							
Sanding, Grinding, Cutting			●	●	●	●	●
Fiberglass / Gel Coats			●	●	●	●	●
Painting							
Powder Coating							
Medical / Health Care (Non Surgical)	●	●					
Medical office	●	●	●	●	●	●	●
Surgical	●	●					
First Responder / EMS	●	●	●	●	●	●	●
Pandemic Preparation	●	●	●	●		●	●
Insulation							
Fiberglass Cutting & Installing							
Spray Insulation							
Home Improvement							
Sanding			●	●	●	●	●
Cutting (Wood, Masonry, MDF, Dry Wall)			●	●	●	●	●
Stripping Paint							
Painting (Water & Oil based)			●	●	●	●	●
Mold Removal			●	●	●	●	●
Landscaping and Yard Maintenance			●	●	●	●	●
Household Dust and Sweeping			●	●	●	●	●
Welding & Metal Fabrication							
Aluminum Production / Reduction							
Welding, Soldering, Brazing							
Welding (TIG & MIG) Coated Metal							
Welding, Galvanized Steel and Stainless Steel							
Metal Pouring							
Plasma Cutting							
Torch Cutting							
Drilling, Sanding							
Grinding							
Wood Working							
Sanding, Cutting, Drilling, Turning			●	●	●	●	●
Staining / Painting						●	●
Miscellaneous							
Degreasing							
Dusty Operations w/o Chemicals Present			●	●	●	●	●
Food Processing	●	●	●	●	●	●	●
Brewery Operations							
Stone Quarrying			●	●	●	●	●
Sanitary Waste							
Textiles			●	●	●	●	●

N1125	N1125 - OV	N1125 - AG	N1139	P1115	P1135	P1135 - 1	P1130	N9510F	N9520F
●	●	●		●			●	●	●
●				●		●	●	●	●
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ONE-Fit NBW95 and NBW95V Molded Cup N95 Particulate Respirators

An exclusive design and shape that contours with the natural shape of the face

- Designed to be an economical choice for effective single use respiratory protection
- Universal, one size respirator designed to fit most face sizes and shapes
- Offered with and without exhalation valve

Protection
- 95% filtration efficiency against solid particulates & non-petroleum based liquid aerosols
- Both the NBW95 and NBW95V meet NIOSH standards for N95 protection.
- Meets CDC guidelines against airborne pathogens and M.tuberculosis
- Recommended as sufficient protection against many substances including pandemic diseases such as H5N1 Avian Flu and SARs
- Electrostatic non-woven polypropylene polyester fibers ensures filtration performance

Features
- Molded nose bridge comfortably fits a variety of face shapes and sizes
- Strong and rigid outer shell prevents mask from collapse in high humidity or moist environments
- Dual welded head straps keep the respirator comfortably on the users face
- Latex free woven suspension straps reduce the possibility of breakage and does not pull or tangle hair
- Light weight construction allows for longer wear time and less fatigue
- Soft inner lining for extended comfort
- Hypo-allergenic for users with sensitive skin

Suggested Applications
Grinding, Healthcare/Medical, Other Dusty/Hot Operations, Polishing, Sanding, Sweeping Woodworking

Ordering Information

SIZE: One Size
PACKAGING: 20 masks per box
STYLE NO: **NBW95 (non-valved)**
ITEM NO: 14110444
TC-84A-4373

SIZE: One Size
PACKAGING: 10 masks per box
STYLE NO: **NBW95V (valved)**
ITEM NO: 14110445
TC-84A-4378

ONE-Fit W1400 Flat Fold N95 Particulate Respirator

A universal sized disposable flat fold respirator that fits most face shapes and sizes

- Bonded wire nose clip can be easily molded for increased fit
- Foam nose seal provides added comfort
- Lightweight materials allow for longer wear times with less wearer fatigue
- Single, continuous loop elastic strap provides for both lower and upper head band support
- Offers a large cone for easier and cooler breathing
- Folds flat for easy storage and transportation in a pocket
- Individually packaged to maintain integrity of product in work environment
- Meets NIOSH and CDC Standards for N95 protection against airborne pathogens and M.tuberculosis
- 95% filtration efficiency against solid particulates & non-petroleum based liquid aerosols

Suggested Applications
Cutting or Sanding Wood, Fiberglass Insulation or Drywall Installation, Grinding, Healthcare/Medical/Pandemic Preparedness, Landscaping or Yard Maintenance, Polishing, Sweeping, Welding and Cutting Metal

Ordering Information

SIZE: One Size
PACKAGING: 20 masks per box
STYLE NO: **W1400**
ITEM NO: 14110452
TC-84A-4282

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N9510F and N9520F Flat Fold N95 Particulate Respirators

Offered in multiple sizes with and without exhalation valve

- Multiple size options for wide range of fit
- Spring-open design for quick donning
- Folds flat for easy storage and transportation in a pocket
- Nose clip is color-coded for visible size recognition
- Individually packaged to maintain integrity of product in work environment
- Latex free

Suggested Applications

Auto-Body Industry, Commercial Landscaping, Cutting or Sanding Wood, Fiberglass Insulation or Drywall Installation, Landfill Operations, Trash Processing, Welding and Metal Cutting
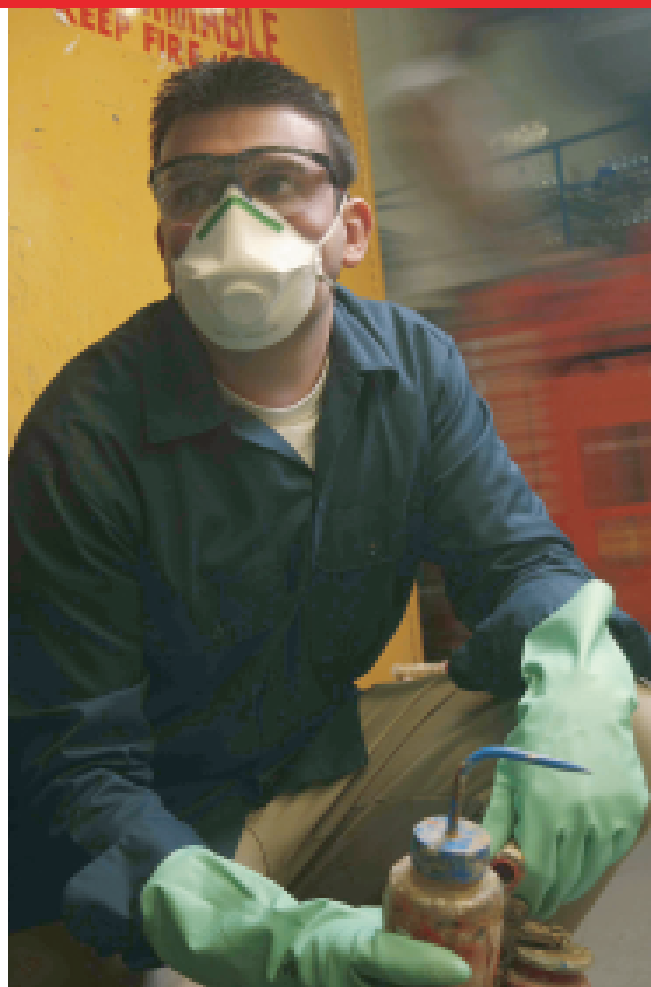
Ordering Information

Flat Fold, N95 with Boomerang Nose Seal:

SIZE: Small
PACKAGING: 50 masks per box
STYLE NO: **N9510FS**
ITEM NO: 14110320

SIZE: Medium
PACKAGING: 50 masks per box
STYLE NO: **N9510FM**
ITEM NO: 14110321

SIZE: Large
PACKAGING: 50 masks per box
STYLE NO: **N9510FL**
ITEM NO: 14110322

TC-84A-2884

Flat Fold, N95 with Boomerang Nose Seal and Exhalation Valve:

SIZE: Small
PACKAGING: 30 masks per box
STYLE NO: **N9520FS**
ITEM NO: 14110323

SIZE: Medium
PACKAGING: 30 masks per box
STYLE NO: **N9520FM**
ITEM NO: 14110324

SIZE: Large
PACKAGING: 30 masks per box
STYLE NO: **N9520FL**
ITEM NO: 14110325

TC-84A-2883

SAF-T-FIT® PLUS MOLDED CUP

SAF-T-FIT PLUS FEATURES
The most variety of protection, size and comfort

- Multiple size options for wide range and improved fit
- Molded cup design
- Offered in valved and non-valved
- Incorporates humidity-resistant filter media
- Low breathing resistance
- Lightweight design
- Durable suspension straps
- Optional boomerang nose seal or full face seal for secure and comfort fit
- Organic Vapor or Acid Gas nuisance available in N95 and P95 models
- N95, N99, P95 or P100 protection to choose from
- Nose clip is color-coded for visible size recognition
- Latex free
- Packaged to maintain integrity of product in work environment

N95 RESPIRATORY PROTECTION
NIOSH-approved N95 protection provides 95% particulate efficiency against oil-free particulates

N1105

- The most economical choice within the SAF-T-FIT PLUS range

Suggested Applications
Dusty Operations, Grinding, Sanding, Sweeping, Woodworking

Ordering Information

SIZE: Small
PACKAGING: 20 masks per box
STYLE NO: **N1105 S**
ITEM NO: 14110387

SIZE: Medium/Large
PACKAGING: 20 masks per box
STYLE NO: **N1105 M/L**
ITEM NO: 14110388

SIZE: X-Large
PACKAGING: 20 masks per box
STYLE NO: **N1105 XL**
ITEM NO: 14110389

TC-84A-3789

N1115

- Boomerang nose seal

Suggested Applications
Dusty Operations, Grinding, Medical, Polishing, Sanding, Sweeping, Woodworking

Ordering Information

SIZE: Small
PACKAGING: 20 masks per box
STYLE NO: **N1115 S**
ITEM NO: 14110390

SIZE: Medium/Large
PACKAGING: 20 masks per box
STYLE NO: **N1115 M/L**
ITEM NO: 14110391

SIZE: X-Large
PACKAGING: 20 masks per box
STYLE NO: **N1115 XL**
ITEM NO: 14110392

TC-84A-3769

SAF-T-FIT® PLUS MOLDED CUP

N95 RESPIRATORY PROTECTION
NIOSH-approved N95 protection provides 95% particulate efficiency against oil-free particulates

N1125

- Exhalation valve
- Boomerang nose seal

Suggested Applications
Brazing, Dusty Operations, Grinding, Sanding, Soldering, Sweeping, Torch Cutting, Metal Pouring, Welding

Ordering Information

SIZE: Small
PACKAGING: 20 masks per box
STYLE NO: **N1125 S**
ITEM NO: 14110393

SIZE: Medium/Large
PACKAGING: 20 masks per box
STYLE NO: **N1125 M/L**
ITEM NO: 14110394

SIZE: X-Large
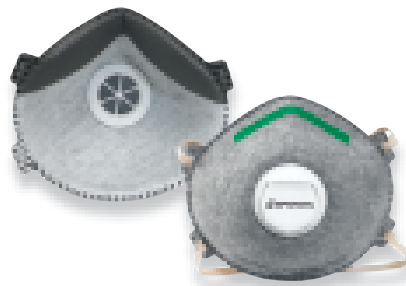PACKAGING: 20 masks per box
STYLE NO: **N1125 XL**
ITEM NO: 14110395

TC-84A-3745

N1125 - OV

- Nuisance level Organic Vapor (OV) filtration
- Exhalation valve
- Boomerang nose seal

Suggested Applications
Brazing, Dusty Operations, Grinding, Sanding, Soldering, Sweeping, Torch Cutting, Metal Pouring, Welding

Ordering Information

SIZE: Small
PACKAGING: 10 masks per box
STYLE NO: **N1125 - OV S**
ITEM NO: 14110396

SIZE: Medium/Large
PACKAGING: 10 masks per box
STYLE NO: **N1125 - OV M/L**
ITEM NO: 14110397

SIZE: X-Large
PACKAGING: 10 masks per box
STYLE NO: **N1125 - OV XL**
ITEM NO: 14110398

TC-84A-3745

N1125 - AG

- Nuisance level Acid Gas (AG) filtration
- Exhalation valve
- Boomerang nose seal

Suggested Applications
Aluminum Reduction, Brazing, Dusty Operations, Glass Etching, Grinding, Metal Pouring, Sanding, Soldering, Sweeping, Torch Cutting, Welding

Ordering Information

SIZE: Small
PACKAGING: 10 masks per box
STYLE NO: **N1125 - AG S**
ITEM NO: 14110399

SIZE: Medium/Large
PACKAGING: 10 masks per box
STYLE NO: **N1125 - AG M/L**
ITEM NO: 14110400

SIZE: X-Large
PACKAGING: 10 masks per box
STYLE NO: **N1125 - AG XL**
ITEM NO: 14110401

TC-84A-3745

Color coded noseclip for size recognition

Small   Medium/Large   X-Large

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SAF-T-FIT® PLUS MOLDED CUP

P95 RESPIRATORY PROTECTION
NIOSH-approved P95 protection provides 95% particulate efficiency against aerosols containing oil

P1115

- Boomerang nose seal

Suggested Applications
Bagging, Dusty Operations, Grinding, Machining, Sanding, Sweeping

P1135

- Full face sealing flange
- Adjustable straps
- Exhalation valve

Suggested Applications
Brazing, Certain Welding Applications, Grinding, Hot, Dusty and/or Dry Operations, Sanding, Soldering, Sweeping, Torch Cutting

P1135 - 1

- Nuisance level Organic Vapor (OV) filtration
- Full face sealing flange
- Adjustable straps
- Exhalation valve

Suggested Applications
Brazing, Certain Welding Applications, Grinding, Hot, Dusty and/or Dry Operations, Sanding, Soldering, Sweeping, Torch Cutting

Ordering Information

SIZE: Medium/Large
PACKAGING: 20 masks per box
STYLE NO: **P1115 M/L**
ITEM NO: 14110426

SIZE: X-Large
PACKAGING: 20 masks per box
STYLE NO: **P1115 XL**
ITEM NO: 14110427

TC-84A-3877

Ordering Information

SIZE: Medium/Large
PACKAGING: 10 masks per box
STYLE NO: **P1135 M/L**
ITEM NO: 14110428

SIZE: X-Large
PACKAGING: 10 masks per box
STYLE NO: **P1135 XL**
ITEM NO:: 14110429

TC-84A-3879

Ordering Information

SIZE: Medium/Large
PACKAGING: 10 masks per box
STYLE NO: **P1135-1 M/L**
ITEM NO: 14110430

SIZE: X-Large
PACKAGING: 10 masks per box
STYLE NO: **P1135-1 XL**
ITEM NO: 14110431

TC-84A-3879

Boomerang Nose Seal

Full Face Sealing Flange

Boomerang Nose Seal and Full Face Sealing Flange

Premium Sperian® disposable respirators offer a boomerang nose seal and full face sealing flange to provide added protection and comfort. The boomerang nose seal and full face sealing flange is soft, pliable and forms to the natural shape of the face.

SAF-T-FIT® PLUS MOLDED CUP

N99 RESPIRATORY PROTECTION
NIOSH-approved N99 protection provides 99% particulate efficiency against oil-free particulates

N1139

- Full face sealing flange
- Adjustable straps
- Exhalation valve

Suggested Applications
Brazing, Dusty Operations, General Industrial, Grinding, High Temperatures, Metal Cutting, Metal Pouring, Sanding, Soldering, Sweeping Torch Cutting, Welding

Ordering Information

SIZE: Small
PACKAGING: 10 masks per box
STYLE NO: **N1139 S**
ITEM NO: 14110402

SIZE: Medium/Large
PACKAGING: 10 masks per box
STYLE NO: **N1139 M/L**
ITEM NO: 14110403

SIZE: X-Large
PACKAGING: 10 masks per box
STYLE NO: **N1139 XL**
ITEM NO: 14110404

TC-84A-3845

P100 PROTECTION
NIOSH-approved P100 protection provides 99.97% particulate efficiency against oil and non-oil based particulates.

P1130

- Full face sealing flange
- Adjustable straps
- Exhalation valve

Suggested Applications
Adhesives, Agriculture, Brazing, Dusty Operations, First Responders, General Industrial, Grinding, High Temperatures, Metal Cutting, Metal Pouring, Pandemic Preparedness, Sanding, Soldering, Sweeping, Torch Cutting, Welding

Ordering Information

SIZE: Small
PACKAGING: 1 mask per bag
STYLE NO: **P1130 S**
ITEM NO: 14110439

SIZE: Medium/Large
PACKAGING: 1 mask per bag
STYLE NO: **P1130 M/L**
ITEM NO: 14110440

SIZE: X-Large
PACKAGING: 1 mask per bag
STYLE NO: **P1130 XL**
ITEM NO: 14110441

TC-84A-4270

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FREEDOM® DISPOSABLE RESPIRATOR

Save time and maintenance!

Elastomeric half-mask respirator provides the convenience of a disposable respirator with the fit, comfort and breathability of a traditional half-mask respirator.

- Cartridges are pre-assembled for convenience and eliminates assembly mistakes
- Rolled edges, broad sealing flange, and forward angled nosepiece provide secure, comfortable fit
- Perspiration port reduces facepiece slippage and skin irritation
- Sliding suspension for easy donning
- Low-profile nose bridge accommodates eyewear
- Use until cartridges are expended
- Replacement parts and decontamination concerns eliminated
- Available in three sizes for improved fit
- Packaged in a resealable bag to protect from contamination when not in use

Suggested Applications

Brazing, Construction, Dusty Operations, General Industrial, Grinding, Hot, Dusty and/or Dry Operations, Metal Cutting, Metal Pouring, Sanding, Sweeping

Ordering Information

UNI-SORB Multi-Contaminant Respirator*

SIZE: Small
PACKAGING: 1 per bag
STYLE NO: **2108**
ITEM NO: 14150086

SIZE: Medium
PACKAGING: 1 per bag
STYLE NO: **2208**
ITEM NO: 14150087

SIZE: Large
PACKAGING: 1 per bag
STYLE NO: **2308**
ITEM NO: 14150088

TC-23C-1733

Organic Vapor Respirator*

SIZE: Small
PACKAGING: 1 per bag
STYLE NO: **2101**
ITEM NO: 14150001

SIZE: Medium
PACKAGING: 1 per bag
STYLE NO: **2201**
ITEM NO: 14150002

SIZE: Large
PACKAGING: 1 per bag
STYLE NO: **2301**
ITEM NO: 14150003

TC-23C-1038

Organic Vapor with R95 Respirator*

SIZE: Small
PACKAGING: 1 per bag
STYLE NO: **211R95**
ITEM NO: 14130475

SIZE: Medium
PACKAGING: 1 per bag
STYLE NO: **221R95**
ITEM NO: 14130476

SIZE: Large
PACKAGING: 1 per bag
STYLE NO: **231R95**
ITEM NO: 14130477

TC-84A-4188

Organic Vapor/Acid Gas Respirator*

SIZE: Small
PACKAGING: 1 per bag
STYLE NO: **2105**
ITEM NO: 14150013

SIZE: Medium
PACKAGING: 1 per bag
STYLE NO: **2205**
ITEM NO: 14150014

SIZE: Large
PACKAGING: 1 per bag
STYLE NO: **2305**
ITEM NO: 14150015

TC-23C-1042

P100 Respirator

SIZE: Small
PACKAGING: 1 per bag
STYLE NO: **2110P100**
ITEM NO: 14150096

SIZE: Medium
PACKAGING: 1 per bag
STYLE NO: **2210P100**
ITEM NO: 14150097

SIZE: Large
PACKAGING: 1 per bag
STYLE NO: **2310P100**
ITEM NO: 14150098

TC-84A-0248

UNI-SORB P100 Respirator

SIZE: Small
PACKAGING: 1 per bag
STYLE NO: **2118P100**
ITEM NO: 14150089

SIZE: Medium
PACKAGING: 1 per bag
STYLE NO: **2218P100**
ITEM NO: 14150090

SIZE: Large
PACKAGING: 1 per bag
STYLE NO: **2318P100**
ITEM NO: 14150091

TC-84A-0253

Probed Respirator

SIZE: Small
PACKAGING: 1 per bag
STYLE NO: **2140P**
ITEM NO: 14150040

SIZE: Medium
PACKAGING: 1 per bag
STYLE NO: **2240P**
ITEM NO: 14150041

SIZE: Large
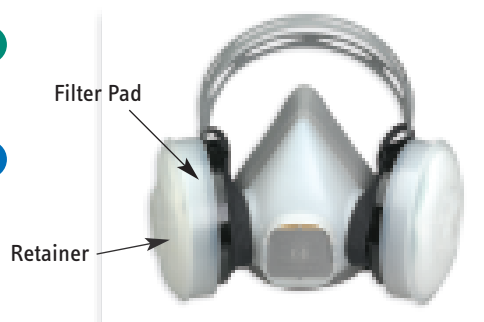PACKAGING: 1 per bag
STYLE NO: **2340**
ITEM NO: 14150042

Filter Pad and Retainer

Applicable to these models only*

T117010 N99/R95 Filter Pad (24/box)
T106010 N95 Filter Pad (24/box)
14900976 Retainer (10/box)

Filter Pad

Retainer

NUISANCE DISPOSABLE DUST MASK AND AIR HOOD

Nuisance Disposable Dust Mask*

Basic protection against non-toxic dust, pollen, mold and dander

- Adjustable nose bridge clip offers a secure fit
- One size fits most face shapes and sizes

Suggested Applications
Dusty Operations, Gardening

Air Hoods*

Provides coverage of the head, face and shoulders

- Large interior cavity easily accommodates the use of a respirator in conjunction with the hood
- Disposable, no need to decontaminate
- Breathable cloth material and integrated visor for comfort (#14530001)
- Tyvek® material for durability and no absorption of sprayed substance (#14530002 and 14530005)

Suggested Applications
Spray Painting or any application where the user does not want to soil their head and face

Ordering Information

SIZE: One Size
PACKAGING: 50 mask per box
STYLE NO: **CP1000VP**
ITEM NO: 14110094CC

* Not a NIOSH approved respirator

Ordering Information

Cotton twill paint spray hood with visor
SIZE: One Size
PACKAGING: 6 per case
ITEM NO: 14530001

Tyvek hood #4 for use with hard hat
SIZE: One Size
PACKAGING: 10 per case
PART NO: 14530002

Tyvek hood #4 with adjustable headgear
SIZE: One Size
PACKAGING: 1 each
ITEM NO: 14530005

Tyvek hood #4 replacement without headgear
SIZE: One Size
PACKAGING: 10/case
ITEM NO: 14530006

* Not a NIOSH approved respirator

DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

WELDING SOLUTIONS

ESCAPE SOLUTIONS

PAPR

SAR

SCBA

FIT TEST KITS & ADAPTERS

ACCESSORIES

ONE-Fit®
Healthcare N95

For years, disposable respirators have been constructed with a variety of polyester fibers. The new Sperian ONE-Fit® Healthcare N95 respirators are constructed with electrostatic, non-woven; melt blown polypropylene filter media fiber that ensures 95% filtration efficiency against non-oil airborne particles. While there have been advances with disposable respirators, the ONE-Fit Healthcare

ONE-Fit N95 FLAT FOLD AND MOLDED CUP N95 RESPIRATORS AND SURGICAL MASKS

HC - NB095 and HC - NB295F

Features
- Universal, one size surgical respirator designed to fit most face sizes and shapes
- NIOSH-approved as an N95 Particulate Respirator

Proprietary Light Weight Technology
Proprietary technology makes the mask incredibly lightweight (33% less than other N95 Surgical respirators) increasing wear time and decreasing wearer fatigue.

Protection
- Meets CDC guidelines for M.tuberculosis exposure control
- FDA cleared surgical N95 Respirator
- Ranks as "High Barrier" class 160 mmHg in conformance to ASTM F1862 requirements for fluid penetration and splash resistance
- Provides >99.9% (BFE) Bacterial Filtration Efficiency
- Offers >95% (PFE) Particle Filtration Efficiency
- Offers >99.9% (VFE) Viral Filtration Efficiency
- Reduces wearer exposure to airborne particulates smaller than 0.1 micron – appropriate for laser and electrocautery procedures
- Reduces the transfer of microorganisms and other airborne particulate matter

Suggested Applications
Dental Clinics, Emergency Rooms, Healthcare Clinics, Hospitals, Infectious Disease Management, Intensive Care Units, Nursing Facilities, Operating Rooms, Pandemic, Paramedics, Veterinary Clinics

N95 molded cup and flat fold respirators utilize advanced technology in their proprietary filtering media to create an improved crush resistant shell for the molded cup style respirator, and a lightweight thin film layer in the flat fold version. Both offer extremely low breathing resistance creating a mask that fits, looks, and feels like a standard surgical mask while offering the benefit of superior respiratory protection.

HC – NB295F

ONE-Fit Healthcare Flat Fold N95 Particulate Respirator and Surgical Mask

- Lightweight and thin construction, with a soft inner layer designed for comfort
- Elastic head straps are sonic welded to inside the outer layers
- Latex-free and silicone-free construction
- Masks are individually bagged to keep from soiling and contamination
- Tear Away section on the bag for easy opening
- Dispenser style box with tear-out/cut-out panel for ease of access

Ordering Information

SIZE: One size
PACKAGING: 20 masks per box
STYLE NO: **HC – NB295F**
ITEM NO: 14110451
TC-84A-4371

HC – NB095

ONE-Fit Healthcare Molded Cup N95 Particulate Respirator and Surgical Mask

- Lightweight and rigid outer shell that resists collapsing
- The mask contours with the natural shape of the face minimizing pressure points
- Soft inner layer designed for comfort and convenience
- Inner layer ultrasonically welded to outer shell in the front at six points to eliminate being drawn into mouth and nose area during inhalation
- Latex-free and silicone-free construction
- Masks are all bagged into a single plastic sleeve to protect from exposure and contamination when the box is opened
- Plastic sleeve bag with a tear away portion for easy opening

Ordering Information

SIZE: One size
PACKAGING: 20 masks per box
STYLE NO: **HC – NB095**
ITEM NO: 14110446
TC-84A-4357

DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

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SCBA

FIT TEST KITS & ADAPTERS

ACCESSORIES

Sperian Respiratory Protection offers an extensive line of reusable Air Purifying Respirators for all applications, without compromising your respiratory budget.

HALF-MASK RESPIRATORS

The Sperian® half-mask respiratory product line consists of five reusable facepieces. You have the ultimate choice, from an economical mask, standard masks or premium mask.

FULL FACEPIECE RESPIRATORS

The Sperian full facepiece category consists of three full facepiece options. Each is designed to provide excellent protection, clarity and comfort.

APR SUGGESTED APPLICATIONS

Automotive
Chemical Manufacturing
Lead and Asbestos Abatement
Painting/Paint Spraying
Pandemic Situations
Pesticide Spraying
Petrochemical
Pharmaceutical
Primary Metals
Spraying
Utilities
Woodworking

CARTRIDGE AND FILTER OFFERING

Sperian has two connecting systems for filters and cartridges. As indicated by the icons below, half mask and full facepiece respirators are compatible with either the S-Series (screw-on) or the T-Series (twist lock) or both types of filters and cartridges (not interchangeable).
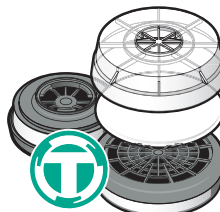
SCREW-ON CARTRIDGES
Threads easy for tightening cartridge on seal.

This icon indicates selected Sperian products that will accept S-Series (screw-on) cartridges.

TWIST LOCK CARTRIDGES
Audible click indicating positive lock on connector.

This icon indicates selected Sperian products that will accept T-Series (twist lock) cartridges.

AIR PURIFYING RESPIRATOR SELECTIONS

Step 1:
Choose a facepiece and accessories

Spectacle Kits
Anti Fog Solution
Lens Covers

Step 2:
Determine protection needed: particulate, gas/vapor or combination

Select applicable components

PARTICULATE ONLY   **P100**

— Filter Retainer
— Filter Pad (N95/N99/R95)
— Filter Base
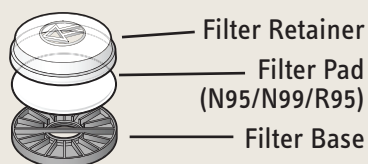
GAS/VAPOR ONLY

Cartridge

PARTICULATE/GAS/VAPOR COMBINATION

Retainer
Filter Pad
Cartridge

P100/GAS/VAPOR COMBINATION (pre-assembled)

Combo Cartridge

DISPOSABLE RESPIRATORS

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FIT TEST KITS & ADAPTERS

ACCESSORIES

SURVIVAIR® HALF MASK RESPIRATORS

Economy

Survivair VALUAIR Plus

Provides an excellent choice for limited use, limited life applications

- Thermoplastic elastomer skirt
- Soft sealing flange and forward angled nosepiece easily accommodates eyewear
- Perspiration port reduces facepiece slippage and skin irritation
- Large inhalation port provides lower breathing resistance
- Available in three sizes for wide range of fit
- Packaged in tamper-proof resealable bag to protect respirator from contamination when not in use

Ordering Information

S-Series
301500 Survivair Valuair Plus, Small
302500 Survivair Valuair Plus, Medium
303500 Survivair Valuair Plus, Large

T-Series
301000 Survivair Valuair Plus, Small
302000 Survivair Valuair Plus, Medium
303000 Survivair Valuair Plus, Large

T-Series Pre-Packaged Respirator and Filter/Cartridge
301110 Survivair Valuair Plus, OV/N95, Small
302110 Survivair Valuair Plus, OV/N95, Medium
303110 Survivair Valuair Plus, OV/N95, Large

302120 Survivair Valuair Plus, OV/R95, Medium

Standard

Survivair Blue 1™

Dual flange protection and optional speaking diaphragm

- Silicone skirt provides a more comfortable fit and soft feel to the face
- Available with an optional speaking diaphragm for improved communication
- Dual sealing flange, with 1 inner and 1 outer flange, provides excellent facepiece seal and a more secure fit
- Rear split strap for easy donning and better support
- Retainer clips hold excess straps in place
- Continuous Flow SAR adapter kit available
- Available in three sizes for wide range of fit
- Packaged in tamper-proof resealable bag to protect respirator from contamination when not in use

Ordering Information

S-Series
B210000 Survivair Blue 1, Small
B220000 Survivair Blue 1, Medium
B230000 Survivair Blue 1, Large

B210010 Survivair Blue 1, Speaking Diaphragm, Small
B220010 Survivair Blue 1, Speaking Diaphragm, Medium
B230010 Survivair Blue 1, Speaking Diaphragm, Large

Survivair 2000™

Features a lightweight and innovative yoke design with capability to convert to a PAPR or CF-SAR

- Excellent yoke design offers a large and pliable sealing area for secure fit
- Easily converts to Belt-Mounted PAPR or CF-SAR
- Head harness designed to reduce facepiece slippage
- Silicone skirt construction is lightweight and durable for comfortable fit
- Rear split strap for easy donning and better support
- Available in three sizes for wide range of fit
- Packaged in tamper-proof resealable bag to protect respirator from contamination when not in use

Ordering Information

S-Series
B250000 Survivair 2000, Small
B260000 Survivair 2000, Medium
B270000 Survivair 2000, Large

CF-SAR Adapter Kit
981384 CF-SAR Breathing Tube Assembly (Rubber Hose, Side Mount)

Fit test kits, adapters and training videos available – see pg. 50-51

SURVIVAIR® HALF MASK RESPIRATORS

Survivair PREMIER® Ⓢ Ⓣ

Maximum comfort with multiple headgear adjustments and low breathing resistance

- Eight strap adjustment points for user preference - 2 adjustments at each point - crown, mask, side and rear
- Large inhalation ports offers low breathing resistance
- Perspiration port reduces facepiece slippage and skin irritation
- Low profile nosepiece for compatibility with eyewear
- Includes a soft sealing flange with rolled edges for increased wearer comfort
- Silicone facepiece construction is light-weight and durable
- Available with rubber headstraps for ease of cleaning and decontamination
- Rear split strap for easy donning and better support
- Retainer clips hold excess straps in place
- Available in three sizes for wide range of fit
- Pre-Packaged OV/N95, OV/R95 and UNI-SORB/N95 T-Series cartridges/filters available with respirator for quick ordering
- Packaged in a resealable tamper-proof bag to protect the respirator from contamination when not in use

Ordering Information

S-Series
311500 Survivair Premier, Elastic Headstraps, Small
312500 Survivair Premier, Elastic Headstraps, Medium
313500 Survivair Premier, Elastic Headstraps, Large

311510 Survivair Premier, Rubber Headstraps, Small
312510 Survivair Premier, Rubber Headstraps, Medium
313510 Survivair Premier, Rubber Headstraps, Large

T-Series
311000 Survivair Premier, Elastic Headstraps, Small
312000 Survivair Premier, Elastic Headstraps, Medium
313000 Survivair Premier, Elastic Headstraps, Large

311010 Survivair Premier, Rubber Headstraps, Small
312010 Survivair Premier, Rubber Headstraps, Medium
313010 Survivair Premier, Rubber Headstraps, Large

T-Series Pre-Packaged Respirator and Filter/Cartridge
312110 Survivair Premier, OV/N95, Medium

312120 Survivair Premier, OV/R95, Medium
313120 Survivair Premier, OV/R95, Large

312820 Survivair Premier, Unisorb/R95, Medium

Premium

Survivair PREMIER® Plus Ⓢ Ⓣ

Triple flange design equals superior fit, comfort and protection

- Three flanges, provides "backup" sealing security
- Silicone facepiece construction is flexible, lightweight and durable
- Wide, wraparound and pleated silicone facepiece fits a large variety of facial types
- Strategic lateral placement of inhalation valves and cartridge ports enhances field of vision
- Exhalation valve provides quick exhaust of warm exhaled air
- Cradle suspension with D-ring roller mechanism for easy and secure adjustment
- OV/N95 (S-Series) and OV/R95 (T-Series) cartridges/filters available with respirator for quick ordering
- Packaged in tamper-proof resealable bag to protect respirator from contamination when not in use

Ordering Information

S-Series
321500 Survivair Premier Plus, Small
322500 Survivair Premier Plus, Medium/Large

S-Series Pre-Packaged Respirator and Filter/Cartridge
322510 Survivair Premier Plus, OV/N95, Medium/Large

T-Series
321000 Survivair Premier Plus, Small
322000 Survivair Premier Plus, Medium/Large

T-Series Pre-Packaged Respirator and Filter/Cartridge
322020 Survivair Premier Plus, OV/R95, Medium/Large

DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

WELDING SOLUTIONS

ESCAPE SOLUTIONS

PAPR

SAR

SCBA

FIT TEST KITS & ADAPTERS

ACCESSORIES

SURVIVAIR OPTI-FIT™ FULL FACEPIECE

Survivair Opti-Fit APR

Optimum fit, comfort and superior optics in a full face respirator

- Choose from a 5-point strap or black industrial mesh headnet to fit your comfort and needs
- Wide viewing area offering distortion free visibility and optical clarity
- Silicone skirt offers exceptional durability and comfort
- All straps are attached to the rim of the facepiece, rather than the silicone skirt, to reduce pressure points and distortion of the sealing surface when tightened
- Nose cup prevents fogging with optional kits for customized sizing (comes standard with medium nose cup) and optional clear nose cup kits available
- Replaceable, high-impact resistant polycarbonate lens treated with anti-scratch coating
- Molded in speaking diaphragm provides improved audio transmission for communication
- Available in three sizes for wide range of fit

Ordering Information

S-Series
752000 Survivair Opti-Fit APR, 5 Pt.-Strap, Small
762000 Survivair Opti-Fit APR, 5 Pt.-Strap, Medium
772000 Survivair Opti-Fit APR, 5 Pt.-Strap, Large

752100 Survivair Opti-Fit APR, Mesh Headnet, Small
762100 Survivair Opti-Fit APR, Mesh Headnet, Medium
772100 Survivair Opti-Fit APR, Mesh Headnet, Large

T-Series
758000 Survivair Opti-Fit APR, 5 Pt.-Strap, Small
768000 Survivair Opti-Fit APR, 5 Pt.-Strap, Medium
778000 Survivair Opti-Fit APR, 5 Pt.-Strap, Large

758100 Survivair Opti-Fit APR, Mesh Headnet, Small
768100 Survivair Opti-Fit APR, Mesh Headnet, Medium
778100 Survivair Opti-Fit APR, Mesh Headnet, Large

Accessories
702090 Mesh Headnet Kit
702019 Tinted Peel-off Lens Covers (25 ea.)
702028 Clear Peel-off Lens Covers (25 ea.)
702031 Neckstrap Kit
962260 Spectacles Kit
702074 Clear Nose Cup Kit, Small (S-Series)
702075 Clear Nose Cup Kit, Medium (S-Series)
702076 Clear Nose Cup Kit, Large (S-Series)
702077 Clear Nose Cup Kit, Small (T-Series)
702078 Clear Nose Cup Kit, Medium (T-Series)
702079 Clear Nose Cup Kit, Large (T-Series)
763076 Opti-Fit Carrying Pouch

Survivair Opti-Fit Handypacks

Survivair Opti-Fit Handypacks are packaged with S-Series cartridge and/or filter for convenience of ordering

Survivair Opti-Fit APR with N95
761001 Medium

Survivair Opti-Fit APR with OV/N95
761010 Medium

Survivair Opti-Fit APR with OV/AG
761019 Medium

Survivair Opti-Fit APR with OV/AG/P100
761022 Medium

Survivair Opti-Fit APR with AM/MA
761025 Medium

Durable silicone skirt

5 pt. strap or mesh headnet harness option

Straps are attached to the rim of the facepiece

Wide viewing area

Nose cup

Replaceable polycarbonate lens

Grated nozzle cover with molded in speaking diaphragm

SURVIVAIR OPTI-FIT™ CONVERTIBLE

One Facepiece, Many Solutions.
The Survivair Opti-Fit Convertible respirator is NIOSH-Approved for three configurations; APR, PAPR and CF-SAR. Customize the Survivair Opti-Fit for your environment and needs.

APR, 5-Pt. Strap

Front Mount SAR

Mask Mount PAPR

APR, Headnet

Side Mount SAR

Front Mount SAR with P100 Escape

Belt Mount PAPR

Survivair Opti-Fit Convertible System

- Allows users to switch the facepiece from various applications without having to change facepieces
- Only one fit test needed saving inventory, time and cost

Survivair Opti-Fit Convertible APR

754000 Survivair Opti-Fit Convertible APR, 5-Strap, S-Series, Small
764000 Survivair Opti-Fit Convertible APR, 5-Strap, S-Series, Medium
774000 Survivair Opti-Fit Convertible APR, 5-Strap, S-Series, Large
754100 Survivair Opti-Fit Convertible APR, Mesh Headnet, S-Series, Small
764100 Survivair Opti-Fit Convertible APR, Mesh Headnet, S-Series ,Medium
774100 Survivair Opti-Fit Convertible APR, Mesh Headnet, S-Series, Large

Survivair Opti-Fit Convertible Mask Mounted PAPR

- The Survivair Opti-Fit mask mounted PAPR is durable and lightweight
- Low cost High Efficiency (HE) filter that consolidates inventory and reduces inventory costs

520500 Survivair Opti-Fit, 5-Pt. Strap, Mask-Mounted PAPR, Small
520600 Survivair Opti-Fit, 5-Pt. Strap, Mask-Mounted PAPR, Medium
520700 Survivair Opti-Fit, 5-Pt. Strap, Mask-Mounted PAPR, Large
520520 Survivair Opti-Fit, Mesh Headnet, Mask-Mounted PAPR, Small
520620 Survivair Opti-Fit, Mesh Headnet, Mask-Mounted PAPR, Medium
520720 Survivair Opti-Fit, Mesh Headnet, Mask-Mounted PAPR, Large
520075 Mask Mounted PAPR Kit, No Facepiece

Survivair Opti-Fit Convertible Belt Mounted PAPR

- Low cost High Efficiency (HE) filter consolidates inventory and reduces inventory costs
- Long-lasting battery pack with trouble-free recharging

Order a Facepiece Kit (includes breathing tube) & the Blower and Battery Kit
540510 Survivair Opti-Fit, 5-Pt. Strap, Belt-Mounted PAPR, Small
540610 Survivair Opti-Fit, 5-Pt. Strap, Belt-Mounted PAPR, Medium
540710 Survivair Opti-Fit, 5-Pt. Strap, Belt-Mounted PAPR, Large
541510 Survivair Opti-Fit, Mesh Headnet, Belt-Mounted PAPR, Small
541610 Survivair Opti-Fit, Mesh Headnet, Belt-Mounted PAPR, Medium
541710 Survivair Opti-Fit, Mesh Headnet, Belt-Mounted PAPR, Large
500085 Belt-Mounted PAPR Blower and Battery Kit
B420030 Belt-Mounted PAPR Breathing Tube

Survivair Opti-Fit Convertible CF-SAR Front Port

- Connects to an airline hose by using a high-volume, low pressure, durable rubber breathing tube
- Breathing tube attaches to front inlet nozzle port (the side ports are capped off)
- CF-SAR Front Port assemblies include:
  Opti-Fit full facepiece, rubber hoses, belt and caps. Kits are also available without facepiece. Couplings sold separately
981500 Survivair Opti-Fit, 5-Pt. Strap, CF-SAR Assembly, Front Port, Small
981501 Survivair Opti-Fit, 5-Pt. Strap, CF-SAR Assembly, Front Port, Medium
981503 Survivair Opti-Fit, 5-Pt. Strap, CF-SAR Assembly, Front Port, Large
981550 Survivair Opti-Fit, Mesh Headnet, CF-SAR Assembly, Front Port, Small
981551 Survivair Opti-Fit, Mesh Headnet, CF-SAR Assembly, Front Port, Medium
981553 Survivair Opti-Fit, Mesh Headnet, CF-SAR Assembly, Front Port, Large
981205 CF-SAR Front Port Conversion Kit, No Facepiece (belt included)
981209 CF-SAR Front Port Conversion Kit with P100 Egress, No Facepiece (belt included)

Survivair Opti-Fit Convertible CF-SAR Side Port

- Connects to an airline hose by using a high-volume, low pressure, durable rubber breathing tube
- Breathing tube attaches to one of the side cartridge ports (the other port and the front nozzle inlet ports are capped off)
- CF-SAR Side Port Kits includes rubber hose, belt and caps. Facepiece sold separately

981415 Side Port Plastic Hose Kit
981416 Side Port Rubber Hose Kit

DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

WELDING SOLUTIONS

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FIT TEST KITS & ADAPTERS

ACCESSORIES

SURVIVAIR® 4000 FULL FACEPIECE

Survivair 4000 APR

An industry classic with welding attachment option

- Pliable silicone facepiece ensures comfort
- Scratch-resistant lens
- Offset brow guard keep lens safe when placed on flat surfaces
- Available in two sizes for wide range of fit
- Choice of 4-point or 5-point headstrap
- Optional black silicone facepiece for welding applications
- Welding shield easily clamps onto facepiece lens without the use of tools or mask disassembly

Ordering Information

S-Series
410010 Survivair 4000, Blue, 4-Pt Headstrap, Small
420010 Survivair 4000, Blue, 4-Pt Headstrap, Standard

410071 Survivair 4000, Blue, 4-Pt Headstrap, Nose Cup, Small
420071 Survivair 4000, Blue, 4-Pt Headstrap, Nose Cup, Standard

410075 Survivair 4000, Blue, 5-Pt Headstrap, Nose Cup, Small
420075 Survivair 4000, Blue, 5-Pt Headstrap, Nose Cup, Standard

Accessories
B140095 Clear Polyester Peel-off Lens Covers (25 Each)
140635 Smoke-Tinted Polyester Peel-off Lens Covers (25 Each)
940135 Neck Strap Kit
980003 Prescription Spectacles Kit

For Welding Facepieces & Welding Accessories see pg. 30

APR Conversion Kits (S-Series)
981209 Survivair 4000, Hose Conversion Kit, CF-SAR with P100 Filter (Egress)
981205 Survivair 4000, Hose Conversion Kit, CF-SAR

Converts easily to a PAPR or CF-SAR without converter kits (PAPR and CF-SAR parts sold separately)

P100 Egress

SURVIVAIRMAX® FULL FACEPIECE

SurvivairMAX APR

Maximize your choice of headgear

- Double-sealing flange for optimum fit
- Optional speech transmission system (note: not compatible with Economy version)
- High-grade dark blue soft silicone facepiece
- Available in three sizes for wide range of fit
- Economy-version also available (note: economy version is a light blue facepiece)
- Choose from Tite-Seal ratchet®, 5-point strap or Industrial mesh headnet to fit your comfort and needs
- Distortion-free lens with anti-fog and anti-scratch coatings provides optical clarity
- Simple disassembly and reassembly for ease of maintenance

Ordering Information

S-Series Economy
801500 SurvivairMax Economy, 5-Pt Strap, Small
802500 SurvivairMax Economy, 5-Pt Strap, Medium
803500 SurvivairMax Economy, 5-Pt Strap, Large

T-Series Economy
851000 SurvivairMax Economy, 5-Pt Strap, Small
852000 SurvivairMax Economy, 5-Pt Strap, Medium
853000 SurvivairMax Economy, 5-Pt Strap, Large

T-Series
821000 SurvivairMax 5-Pt Strap, Small
822000 SurvivairMax 5-Pt Strap, Medium
823000 SurvivairMax 5-Pt Strap, Large

841000 SurvivairMax Mesh, Small
842000 SurvivairMax Mesh, Medium
843000 SurvivairMax Mesh, Large

831000 SurvivairMax Tite-Seal, Small
832000 SurvivairMax Tite-Seal, Medium
833000 SurvivairMax Tite-Seal, Large

Accessories
14901010 Prescription Spectacle Adapter Kit
14901011 Clear Lens Cover (50/pkg)
14901012 Blue Lens Cover (25/pkg)
14900043 Neckstrap Kit

3 Headgear Choices
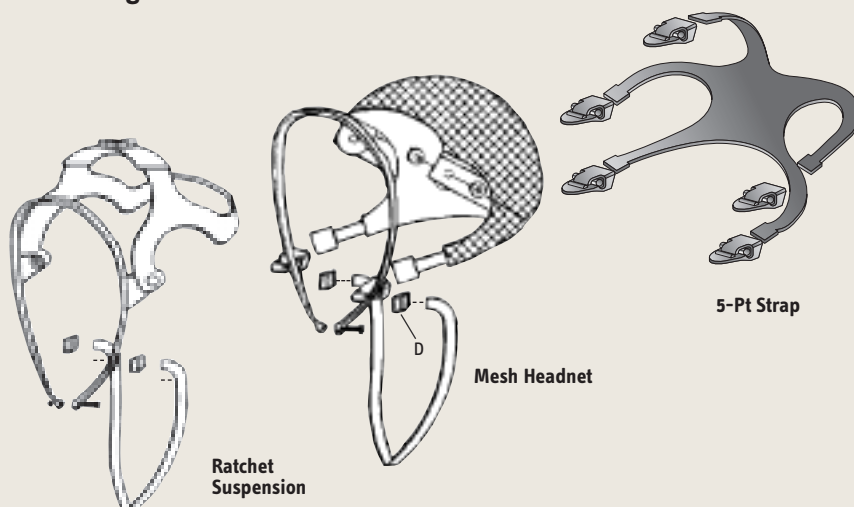
Ratchet Suspension

Mesh Headnet

5-Pt Strap

DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

WELDING SOLUTIONS

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FIT TEST KITS & ADAPTERS

ACCESSORIES

Survivair Opti-Fit™ Tactical Gas Mask

Developed specifically for first responders in tactical and riot-control situations

- Superior field of vision offers an unobstructed view in critical situations where line of sight vision is essential
- Full facepiece constructed of soft silicone for excellent comfort, fit, and durability –
- Choice of headgear - 5-pt. strap or nylon mesh headnet.
- Available in three sizes for wide range of fit
- Three-position canister mounting adaptable for various applications
- Anti-scratch coated polycarbonate lens is virtually free of distortion
- Lens meets ANSI Z87.1-1989 (R-1998)2 standard for impact and penetration resistance
- DIN-threaded 40 mm connectors make attaching and removing canisters quick and easy
- Low breathing resistance
- NIOSH approved with the Model 1688 Canister to provide protection against choloracetophenone (CN), chlorobenzylidene malononitrile (CS) and includes a P100 filter for use against particulates such as pepper spray
- NIOSH approval number TC - 14G 0264

Ordering Information

753000	Survivair Opti-Fit Tactical Gas Mask, 5-Pt, Small
763000	Survivair Opti-Fit Tactical Gas Mask, 5-Pt, Medium
773000	Survivair Opti-Fit Tactical Gas Mask, 5-Pt, Large
753100	Survivair Opti-Fit Tactical Gas Mask, Mesh, Small
763100	Survivair Opti-Fit Tactical Gas Mask, Mesh, Medium
773100	Survivair Opti-Fit Tactical Gas Mask, Mesh, Large
168800	Tactical Canister (CN/CS/P100)

Accessories

702019	Tinted Lens Covers, 25/box
702028	Clear Lens Covers, 25/box
962260	Spectacles Kit
763064	Nose Cup Kit, Black, Small
763065	Nose Cup Kit, Black, Medium
763066	Nose Cup Kit, Black, Large
763076	Gas Mask Pouch, Black

Survivair Opti-Fit™ CBRN Gas Mask

Developed for first responders and military use in CBRN situations

- Durable, chemical resistant butyl rubber face skirt
- Optional hydration drink tube allows for quick hydration
- Superior field of vision offers an unobstructed view in critical situations where vision is essential
- Available in three sizes for wide range of fit
- Anti-scratch coated polycarbonate lens is virtually free of distortion
- Three-position canister mounting adaptable for various applications
- DIN-threaded 40 mm connectors make attaching and removing canisters quick and easy
- Standard nose-cup reduces lens fogging
- Available in three sizes for wide range of fit
- NIOSH CBRN approved with the model 1690 CBRN canister (NIOSH Cap-1 approved, TC # 14G‑0272)
- NIOSH approved with Model 1688 CN/CS/P100 canister for riot control (TC # 14G‑0264)

Ordering Information

759000 Survivair Opti-Fit CBRN Gas Mask, Small
769000 Survivair Opti-Fit CBRN Gas Mask, Medium
779000 Survivair Opti-Fit CBRN Gas Mask, Large
759020 Survivair Opti-Fit CBRN Gas Mask/w drink tube, Small
769020 Survivair Opti-Fit CBRN Gas Mask/w drink tube, Medium
779020 Survivair Opti-Fit CBRN Gas Mask/w drink tube, Large

169000 CBRN Canister
168800 CN / CS / P100 Canister

Accessories
962260 Spectacle Kit
763076 Opti-Fit Carrying Pouch
702031 Neck Strap
702028 Clear Peel-away Lens Cover, 25/box
981808 Anti-Fog Dry Wipes, 100/box
962147 Nose Cup, Black, Small
702023 Nose Cup, Black, Medium
702025 Nose Cup, Black, Large
769095 Fit Test Adapter

Products or Technical data that are subject to US Export Administration Regulations may require the approval of the US Dept of Commerce prior to export or re-export.

Three-position canister mounting adaptable for various applications.
Side mounting enables sighting of weapons from either left or right side of the facepiece.

DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

WELDING SOLUTIONS

ESCAPE SOLUTIONS

PAPR

SAR

SCBA

FIT TEST KITS & ADAPTERS

ACCESSORIES

S-SERIES CARTRIDGES AND FILTERS

Selection of the appropriate cartridge and filter combination is dependent on a number of factors, including the type of contaminant, the level of exposure, and the length of exposure. Thus, the information on the cartridge/filter pages is presented as an overview only. For full details on cartridge and filter selection, please visit www.sperian.com.
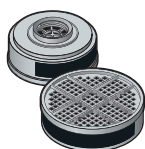
FILTERS

N95 FILTER
95% efficient against particulate aerosols free of oil

S-SERIES	1060	PKG
FILTER BASE	B140074	2/PKG
FILTER	106010	24/BOX
RETAINER	140170	2/PKG
	140172	50/BOX
	140173	100/BOX
NIOSH APPROVAL	TC - 84A - 1426 (HM)	
	TC - 84A - 1413 (4000)	
	TC - 84A - 1419 (OF, MAX)	
	TC - 84A - 1433 (BM)	

GAS | VAPOR PROTECTION

ORGANIC VAPORS (OV)

ORGANIC VAPORS
Approved for use against Organic Vapors

S-SERIES	100100	PKG
CARTRIDGE	B100100	6 PER BOX
	B100144	144 PER CASE
NIOSH APPROVAL	TC - 23C - 287 (HM)	
	TC - 23C - 351 (4000)	
	TC - 23C - 1782 (OF, MAX)	

OV/N95 FILTER

S-SERIES		PKG
CARTRIDGE	B100100	6/BOX
FILTER	106010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1427 (HM)	
	TC - 84A - 1414 (4000)	
	TC - 84A - 1420 (OF, MAX)	
	TC - 84A - 1434 (BM)	

ACID GASES (AG)

ACID GASES
Approved for use against Chlorine | Hydrogen Chloride | Sulfur Dioxide | Formaldehyde

S-SERIES	100200	PKG
CARTRIDGE	B100200	6 PER BOX
	B100244	144 PER CASE
NIOSH APPROVAL	TC - 23C - 430 (HM)	
	TC - 23C - 429 (4000)	
	TC - 23C - 1783 (OF, MAX)	

AG/N95 FILTER

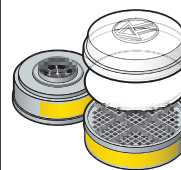| S-SERIES		PKG
CARTRIDGE	B100200	6/BOX
FILTER	106010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1428 (HM)	
	TC - 84A - 1415 (4000)	
	TC - 84A - 1421 (OF, MAX)	
	TC - 84A - 1435 (BM)	

ORGANIC VAPORS/ ACID GASES (OV/AG)

ORGANIC VAPORS | ACID GASES
Approved for use against Organic Vapors | Chlorine | Hydrogen Chloride | Sulfur Dioxide | Chlorine Dioxide | Hydrogen Fluoride | Hydrogen Sulfide (Escape)

S-SERIES	100300	PKG
CARTRIDGE	B100300	6 PER BOX
	B100344	144 PER CASE
NIOSH APPROVAL	TC - 23C - 318 (HM)	
	TC - 23C - 454 (4000)	
	TC - 23C - 1784 (OF, MAX)	

OV/AG/N95 FILTER

S-SERIES		PKG
CARTRIDGE	B100300	6/BOX
FILTER	106010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1429 (HM)	
	TC - 84A - 1416 (4000)	
	TC - 84A - 1422 (OF, MAX)	
	TC - 84A - 1436 (BM)	

AMMONIA/ METHYLAMINE (AM/MA)

AMMONIA | METHYLAMINE
Approved for use against Ammonia | Methylamine

S-SERIES	100400	PKG
CARTRIDGE	B100400	6 PER BOX
	B100444	144 PER CASE
NIOSH APPROVAL	TC - 23C - 422 (HM)	
	TC - 23C - 423 (4000)	
	TC - 23C - 1785 (OF, MAX)	

AM/MA/N95 FILTER

S-SERIES		PKG
CARTRIDGE	B100400	6/BOX
FILTER	106010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1430 (HM)	
	TC - 84A - 1417 (4000)	
	TC - 84A - 1423 (OF, MAX)	
	TC - 84A - 1437 (BM)	

MULTI - CONTAMINANT (MC)

MULTI-CONTAMINANT
Approved for use against Organic Vapors | Ammonia | Methylamine | Chlorine | Hydrogen Chloride | Sulfur Dioxide | Chlorine Dioxide | Hydrogen Fluoride | Hydrogen Sulfide (Escape) | Formaldehyde | Nitrogen Dioxide

S-SERIES	100800	PKG	
CARTRIDGE	100800	6 PER BOX	
	100844	144 PER CASE	
NIOSH APPROVAL	TC - 23C - 1803 (HM)	TC - 23C - 1806 (OF, MAX)	
	TC - 23C - 1804 (4000)	TC - 23C - 1805 (BM)	

MC/N95 FILTER

S-SERIES		PKG
CARTRIDGE	100800	6/BOX
FILTER	106010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1432 (HM)	
	TC - 84A - 1418 (4000)	
	TC - 84A - 1425 (OF, MAX)	
	TC - 84A - 1439 (BM)	

MERCURY VAPOR/ CHLORINE (MV/CL)

MERCURY VAPOR | CHLORINE
Approved for use against Mercury | Chlorine Vapor

S-SERIES	100600	PKG
CARTRIDGE	100600	6 PER BOX
	100644	144 PER CASE
NIOSH APPROVAL	TC - 23C - 1483 (HM)	
	TC - 23C - 1786 (4000)	
	TC - 23C - 1483 (BM)	

MV/CL/N95 FILTER

S-SERIES		PKG
CARTRIDGE	100600	6/BOX
FILTER	106010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1431 (HM)	
	TC - 84A - 1424 (OF, MAX)	
	TC - 84A - 1438 (BM)	

DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

WELDING SOLUTIONS

ESCAPE SOLUTIONS

PAPR

SAR

SCBA

FIT TEST KITS & ADAPTERS

ACCESSORIES

COMBINED CARTRIDGES

N99 FILTER
99% efficient against particulate aerosols free of oil

S-SERIES	1070	PKG
FILTER BASE	B140074	2/PKG
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
	140172	50/BOX
	140173	100/BOX
NIOSH APPROVAL	TC - 84A - 1804 (HM)	
	TC - 84A - 1791 (4000)	
	TC - 84A - 1797 (OF, MAX)	
	TC - 84A - 1811 (BM)	

R95 FILTER
95% efficient against particulate aerosols oil and non-oil based | Time use restrictions apply for oil-based aerosols

S-SERIES	1070	PKG
FILTER BASE	B140074	2/PKG
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
	140172	50/BOX
	140173	100/BOX
NIOSH APPROVAL	TC - 84A - 1804 (HM)	
	TC - 84A - 1791 (4000)	
	TC - 84A - 1797 (OF, MAX)	
	TC - 84A - 1811 (BM)	

P100 FILTERS
99.97% efficient against particulate aerosols free of oil

S-SERIES (MICRO)	1050	PKG
FILTER	105005	10/BOX
	105014	100/CS
NIOSH APPROVAL	TC - 84A - 1239 (HM)	
	TC - 84A - 1240 (4000)	
	TC - 84A - 1242 (OF, MAX)	
	TC - 84A - 1241 (BM)	

S-SERIES (SLIMLINE)	1190	PKG
FILTER	119010	20/CS
	119044	100/CS
NIOSH APPROVAL	TC - 84A - 3066 (HM)	
	TC - 84A - 3067 (4000)	
	TC - 84A - 3072 (OF, MAX)	
	TC - 84A - 3068 (BM)	

OV/N99 FILTER

S-SERIES		PKG
CARTRIDGE	B100100	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1805 (HM)	
	TC - 84A - 1792 (4000)	
	TC - 84A - 1798 (OF, MAX)	
	TC - 84A - 1812 (BM)	

OV/R95 FILTER

S-SERIES		PKG
CARTRIDGE	B100100	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1805 (HM)	
	TC - 84A - 1792 (4000)	
	TC - 84A - 1798 (OF, MAX)	
	TC - 84A - 1812 (BM)	

OV/P100 FILTER

S-SERIES	1051	PKG
CARTRIDGE	105110	4/BOX
	105114	84/CS
NIOSH APPROVAL	TC - 84A - 0439 (HM)	
	TC - 84A - 0440 (4000)	
	TC - 84A - 0877 (OF, MAX)	
	TC - 84A - 2001 (BM)	

AG/N99 FILTER

S-SERIES		PKG
CARTRIDGE	B100200	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1806 (HM)	
	TC - 84A - 1793 (4000)	
	TC - 84A - 1799 (OF, MAX)	
	TC - 84A - 1813 (BM)	

AG/R95 FILTER

S-SERIES		PKG
CARTRIDGE	B100200	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1806 (HM)	
	TC - 84A - 1793 (4000)	
	TC - 84A - 1799 (OF, MAX)	
	TC - 84A - 1813 (BM)	

AG/P100 FILTER

S-SERIES	1052	PKG
CARTRIDGE	105210	4/BOX
	105214	84/CS
NIOSH APPROVAL	TC - 84A - 0441 (HM)	
	TC - 84A - 0442 (4000)	
	TC - 84A - 0878 (OF, MAX)	
	TC - 84A - 2002 (BM)	

OV/AG/N99 FILTER

S-SERIES		PKG
CARTRIDGE	B100300	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1807 (HM)	
	TC - 84A - 1794 (4000)	
	TC - 84A - 1800 (OF, MAX)	
	TC - 84A - 1814 (BM)	

OV/AG/R95 FILTER

S-SERIES		PKG
CARTRIDGE	B100300	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1807 (HM)	
	TC - 84A - 1794 (4000)	
	TC - 84A - 1800 (OF, MAX)	
	TC - 84A - 1814 (BM)	

OV/AG/P100 FILTER

S-SERIES	1053	PKG
CARTRIDGE	105310	4/BOX
	105314	84/CS
NIOSH APPROVAL	TC - 84A - 0443 (HM)	
	TC - 84A - 0444 (4000)	
	TC - 84A - 0879 (OF, MAX)	
	TC - 84A - 0445 (BM)	

AM/MA/N99 FILTER

S-SERIES		PKG
CARTRIDGE	B100400	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1808 (HM)	
	TC - 84A - 1795 (4000)	
	TC - 84A - 1801 (OF, MAX)	
	TC - 84A - 1815 (BM)	

AM/MA/R95 FILTER

S-SERIES		PKG
CARTRIDGE	B100400	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1808 (HM)	
	TC - 84A - 1795 (4000)	
	TC - 84A - 1801 (OF, MAX)	
	TC - 84A - 1815 (BM)	

AM/MA/P100 FILTER

S-SERIES	1054	PKG
CARTRIDGE	105410	4/BOX
	105414	84/CS
NIOSH APPROVAL	TC - 84A - 0446 (HM)	
	TC - 84A - 0447 (4000)	
	TC - 84A - 0880 (OF, MAX)	
	TC - 84A - 2003 (BM)	

MC/N99 FILTER

S-SERIES		PKG
CARTRIDGE	100800	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1810 (HM)	
	TC - 84A - 1796 (4000)	
	TC - 84A - 1803 (OF, MAX)	
	TC - 84A - 1817 (BM)	

MC/R95 FILTER

S-SERIES		PKG
CARTRIDGE	100800	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1810 (HM)	
	TC - 84A - 1796 (4000)	
	TC - 84A - 1803 (OF, MAX)	
	TC - 84A - 1817 (BM)	

MC/P100 FILTER

S-SERIES	1058	PKG
CARTRIDGE	105810	4/BOX
	105814	84/CS
NIOSH APPROVAL	TC - 84A - 1022 (HM)	
	TC - 84A - 1023 (4000)	
	TC - 84A - 1024 (OF, MAX)	
	TC - 84A - 2004 (BM)	

MV/CL/N99 FILTER

S-SERIES		PKG
CARTRIDGE	100600	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1809 (HM)	
	TC - 84A - 1802 (OF, MAX)	
	TC - 84A - 1816 (BM)	

MV/CL/R95 FILTER

S-SERIES		PKG
CARTRIDGE	100600	6/BOX
FILTER	107010	24/BOX
RETAINER	140170	2/PKG
NIOSH APPROVAL	TC - 84A - 1809 (HM)	
	TC - 84A - 1802 (OF, MAX)	
	TC - 84A - 1816 (BM)	

MV/CL/P100 FILTER

S-SERIES	1056	PKG
CARTRIDGE	105610	4/BOX
	105614	84/CS
NIOSH APPROVAL	TC - 84A - 0448 (HM)	
	TC - 84A - 0881 (OF, MAX)	
	TC - 84A - 0449 (BM)	

ValuAir® Plus
Blue 1™
2000
Premier®
Premier® Plus
Opti-Fit™
SurvivairMax®
4000

HM = Half Mask
FF = Full Facepiece
4000 = Classic Mask
OF = Opti-Fit
Max = SurvivairMax
BM = Half Mask Belt Mount

Organic Vapors (OV)

Acid Gases (AG)

Organic Vapors | Acid Gases (OV/AG)

Ammonia | Methylamine (AM/MA)

Multi-Contaminant (MC)

Mercury Vapor or Chlorine (MV/CL)

P100 - Radioactive Material

T-SERIES CARTRIDGES AND FILTERS

Selection of the appropriate cartridge and filter combination is dependent on a number of factors, including the type of contaminant, the level of exposure, and the length of exposure. Thus, the information on the cartridge/filter pages is presented as an overview only. For full details on cartridge and filter selection, please visit www.sperian.com.
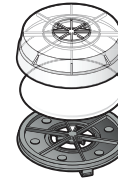
FILTERS

N95 FILTER
95% efficient against particulate aerosols free of oil

T-SERIES	N95	PKG
FILTER BASE	14900578 (RP21)	10/BOX
FILTER	T106010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC - 84A - 628 (HM)	
	TC - 84A - 2631 (OF, MAX)	

GAS | VAPOR PROTECTION

ORGANIC VAPORS (OV)

ORGANIC VAPORS
Approved for use against Organic Vapors

T-SERIES	T01	PKG
CARTRIDGE	T100100	6 PER BOX
	T100144	144 PER CASE
NIOSH APPROVAL	TC - 23C - 737 (HM)	
	TC - 23C - 1890 (OF, MAX)	

OV/N95 FILTER
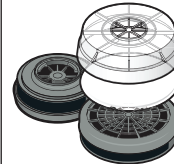
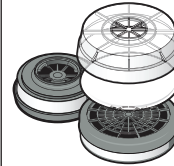| T-SERIES		PKG
CARTRIDGE	T100100	6/BOX
FILTER	106010	24/BOX
RETAINER	14900975 (RP222R)	10/BOX
NIOSH APPROVAL	TC - 84A - 629 (HM)	
	TC - 84A - 2632 (OF, MAX)	

ACID GASES (AG)

ACID GASES
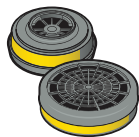Approved for use against Chlorine | Hydrogen Chloride | Sulfur Dioxide | Hydrogen Sulfide (Escape) | Formaldehyde

T-SERIES	T06	PKG
CARTRIDGE	T100200	6 PER BOX
NIOSH APPROVAL	TC - 23C - 741 (HM)	
	TC - 23C - 1899 (OF, MAX)	

AG/N95 FILTER

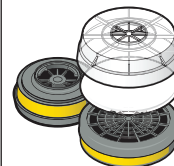| T-SERIES		PKG
CARTRIDGE	T100200	6/BOX
FILTER	T106010	24/BOX
RETAINER	14900975 (RP222R)	10/BOX
NIOSH APPROVAL	TC - 84A - 632 (HM)	
	TC - 84A - 2635 (OF, MAX)	

ORGANIC VAPORS/ ACID GASES (OV/AG)

ORGANIC VAPORS | ACID GASES
Approved for use against Organic Vapors | Chlorine | Hydrogen Chloride | Sulfur Dioxide | Chlorine Dioxide | Hydrogen Fluoride | Hydrogen Sulfide (Escape)
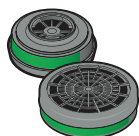
T-SERIES	T05	PKG
CARTRIDGE	T100300	6 PER BOX
	T100344	144 PER CASE
NIOSH APPROVAL	TC - 23C - 736 (HM)	
	TC - 23C - 1898 (OF, MAX)	

OV/AG/N95 FILTER

T-SERIES		PKG
CARTRIDGE	T100300	6/BOX
FILTER	T106010	24/BOX
RETAINER	14900975 (RP222R)	10/BOX
NIOSH APPROVAL	TC - 84A - 631 (HM)	
	TC - 84A - 2634 (OF, MAX)	

AMMONIA/ METHYLAMINE (AM/MA)

AMMONIA | METHYLAMINE
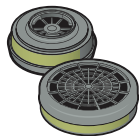Approved for use against Ammonia | Methylamine

T-SERIES	T04	PKG
CARTRIDGE	T100400	6 PER BOX
NIOSH APPROVAL	TC - 23C - 735 (HM)	
	TC - 23C - 1897 (OF, MAX)	

AM/MA/N95 FILTER
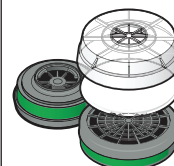
T-SERIES		PKG
CARTRIDGE	T100400	6/BOX
FILTER	T106010	24/BOX
RETAINER	14900975 (RP222R)	10/BOX
NIOSH APPROVAL	TC - 84A - 630 (HM)	
	TC - 84A - 2633 (OF, MAX)	

### MULTI - CONTAMINANT (MC) (UNI - SORB)

MULTI-CONTAMINANT (UNI - SORB)
Approved for use against Organic Vapors | Ammonia | Methylamine | Chlorine | Hydrogen Chloride | Sulfur Dioxide | Chlorine Dioxide | Hydrogen Fluoride | Hydrogen Sulfide (Escape) | Formaldehyde
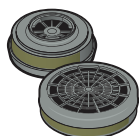
T-SERIES	T08	PKG
CARTRIDGE	T100800	6 PER BOX
	T100844	144 PER CASE
NIOSH APPROVAL	TC - 23C - 1725 (HM)	
	TC - 23C - 1900 (OF, MAX)	

MC/N95 FILTER
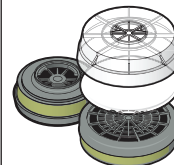
T-SERIES		PKG
CARTRIDGE	T100800	6/BOX
FILTER	T106010	24/BOX
RETAINER	14900975 (RP222R)	10/BOX
NIOSH APPROVAL	TC - 84A - 633 (HM)	
	TC - 84A - 2636 (OF, MAX)	

NITROGEN DIOXIDE (ND)

NITROGEN DIOXIDE
Approved for use against Nitrogen Dioxide | Chlorine | Formaldehyde

T-SERIES	T09	PKG
CARTRIDGE	T100900	6 PER BOX
NIOSH APPROVAL	TC - 23C - 2046 (HM)	
	TC - 23C - 1045 (BM)	

ND/N95 FILTER
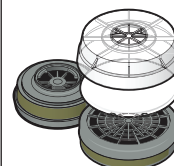
T-SERIES		PKG
CARTRIDGE	T100900	6/BOX
FILTER	T106010	24/BOX
RETAINER	14900975 (RP222R)	10/BOX
NIOSH APPROVAL	TC - 84A - 3214 (HM)	
	TC - 84A - 3211 (OF, MAX)	

MERCURY VAPOR/ CHLORINE (MV/CL)
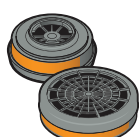
MERCURY VAPOR | CHLORINE
Approved for use against Mercury | Chlorine Vapor

T-SERIES	T07	PKG
CARTRIDGE	T100600	6 PER BOX
NIOSH APPROVAL	TC - 23C - 1356 (HM)	
	TC - 23C - 1935 (OF, MAX)	

COMBINED CARTRIDGES

N99 FILTER
99% efficient against particulate aerosols free of oil
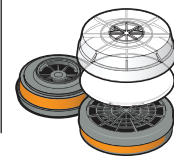
T-SERIES		PKG
FILTER BASE	14900578 (RP21)	10/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 733 (HM)	
	TC – 84A – 2637 (OF, MAX)	

R95 FILTER
95% efficient against particulate aerosols oil and non-oil based | Time use restrictions apply for oil-based aerosols

T-SERIES		PKG
FILTER BASE	14900578 (RP21)	10/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 4182 (HM)	
	TC – 84A – 4124 (OF, MAX)	

P100 FILTERS
99.97% efficient against all particulate aerosols

T-SERIES	P100	PKG
FILTER	T105005	10/BOX
	T105014	100/CS
NIOSH APPROVAL	TC – 84A – 236 (HM)	
	TC – 84A – 2649 (OF, MAX)	

T-SERIES (LOW PROFILE) LP100		PKG
FILTER	T108010	10/BOX
	T108014	100/CS
NIOSH APPROVAL	TC – 84A – 2904 (HM)	
	TC – 84A – 1905 (OF, MAX)	

OV/N99 FILTER

T-SERIES		PKG
CARTRIDGE	T100100	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 735 (HM)	
	TC – 84A – 2638 (OF, MAX)	

OV/R95 FILTER

T-SERIES		PKG
CARTRIDGE	T100100	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 4183 (HM)	
	TC – 84A – 4125 (OF, MAX)	

OV/P100 FILTER

T-SERIES	T01P100	PKG
CARTRIDGE	T105110	4/BOX
	T105114	84/CS
NIOSH APPROVAL	TC – 84A – 238 (HM)	
	TC – 84A – 2650 (OF, MAX)	

AG/N99 FILTER

T-SERIES		PKG
CARTRIDGE	T100200	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 741 (HM)	
	TC – 84A – 2641 (OF, MAX)	

AG/R95 FILTER

T-SERIES		PKG
CARTRIDGE	T100200	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 4186 (HM)	
	TC – 84A – 4128 (OF, MAX)	

AG/P100 FILTER

T-SERIES	T06P100	PKG
CARTRIDGE	T105210	4/BOX
NIOSH APPROVAL	TC – 84A – 244 (HM)	
	TC – 84A – 2653 (OF, MAX)	

OV/AG/N99 FILTER

T-SERIES		PKG
CARTRIDGE	T100300	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 739 (HM)	
	TC – 84A – 2640 (OF, MAX)	

OV/AG/R95 FILTER

T-SERIES		PKG
CARTRIDGE	T100300	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 4185 (HM)	
	TC – 84A – 4127 (OF, MAX)	

OV/AG/P100 FILTER

T-SERIES	T05P100	PKG
CARTRIDGE	T105310	4/BOX
	T105314	84/CS
NIOSH APPROVAL	TC – 84A – 242 (HM)	
	TC – 84A – 2652 (OF, MAX)	

AM/MA/N99 FILTER

T-SERIES		PKG
CARTRIDGE	T100400	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 737 (HM)	
	TC – 84A – 2639 (OF, MAX)	

AM/MA/R95 FILTER

T-SERIES		PKG
CARTRIDGE	T100400	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 4184 (HM)	
	TC – 84A – 4126 (OF, MAX)	

AM/MA/P100 FILTER

T-SERIES	T04P100	PKG
CARTRIDGE	T105410	4/BOX
NIOSH APPROVAL	TC – 84A – 240 (HM)	
	TC – 84A – 2651 (OF, MAX)	

MC/N99 FILTER

T-SERIES		PKG
CARTRIDGE	T100800	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 743 (HM)	
	TC – 84A – 2642 (OF, MAX)	

MC/R95 FILTER

T-SERIES		PKG
CARTRIDGE	T100800	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 4187 (HM)	
	TC – 84A – 4129 (OF, MAX)	

MC/P100 FILTER

T-SERIES	T08P100	PKG
CARTRIDGE	T105810	4/BOX
	T105814	84/CS
NIOSH APPROVAL	TC – 84A – 246 (HM)	
	TC – 84A – 2654 (OF, MAX)	

ND/N99 FILTER

T-SERIES		PKG
CARTRIDGE	T100900	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 3216 (HM)	
	TC – 84A – 3212 (OF, MAX)	

ND/R95 FILTER

T-SERIES		PKG
CARTRIDGE	T100900	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 4232 (HM)	
	TC – 84A – 4181 (OF, MAX)	

ND/P100 FILTER

T-SERIES	T09P100	PKG
CARTRIDGE	T105910	4/BOX
NIOSH APPROVAL	TC – 84A – 3232 (HM)	
	TC – 84A – 3231 (OF, MAX)	

MV/CL/R95 FILTER

T-SERIES		PKG
CARTRIDGE	T100600	6/BOX
FILTER	T117010	24/BOX
RETAINER	14900975 (RP22R)	10/BOX
NIOSH APPROVAL	TC – 84A – 4231 (HM)	
	TC – 84A – 4179 (OF, MAX)	

MV/CL/P100 FILTER

T-SERIES	T07P100	PKG
CARTRIDGE	T105610	4/BOX
NIOSH APPROVAL	TC – 84A – 2982 (HM)	
	TC – 84A – 2984 (OF, MAX)	

ValuAir® Plus
Premier®
Premier® Plus
Opti – Fit™
SurvivairMax®

HM = Half Mask
OF = Opti – Fit
Max = SurvivairMax

Organic Vapors (OV)

Acid Gases (AG)

Organic Vapors | Acid Gases (OV/AG)

Ammonia | Methylamine (AM/MA)

Multi – Contaminant (MC)

Nitrogen Dioxide (ND)

Mercury Vapor or Chlorine (MV/CL)

P100 – Radioactive Material

DISPOSABLE RESPIRATORS
REUSABLE RESPIRATORS
CARTRIDGES AND FILTERS
WELDING SOLUTIONS
ESCAPE SOLUTIONS
PAPR
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FIT TEST KITS & ADAPTERS
ACCESSORIES

Welding Mask and Accessories
Optional welding masks and accessories for all welding applications

Survivair 2000
Belt Mount Half-Mask

- Unique low-profile, belt-mounted half mask respirator has been designed to work with traditional welding shields and helmets
- The cartridges and/or filters are suspended from a single low-pressure hose on a plenum worn over the shoulder and belt mounted to be out of the way
- Reduces cartridge weight on face
- Fits under welding helmets
- High-quality breathing hose assembly

Survivair 4000
Welding Full Facepiece

- Pliable black silicone skirt for welding applications
- The welding shield attachment easily clamps onto the Survivair 4000 facepiece lens without the use of tools or mask disassembly (for use with black only)
- Choice of a shade 10 lens or an Auto-Darkening Variable shade 9-12 lens welding shield
- Flame-retardant bibs are also available which easily snap onto any welding shield providing extra protection to a wearer's neck, forehead and cartridges/filters
- Converts easily to PAPR or CF-SAR without converter kits (PAPR and CF-SAR parts sold separately)

Ordering Information

S-Series

250050 Survivair 2000 Belt-Mount Assembly w/Breathing Hose & Belt Mounted Plenum, Small

260050 Survivair 2000 Belt-Mount Assembly w/Breathing Hose & Belt Mounted Plenum, Medium

270050 Survivair 2000 Belt-Mount Assembly w/ Breathing Hose & Belt Mounted Plenum, Large

Ordering Information

S-Series

410090 Survivair 4000 Black, 5-Pt. Headstrap, Small

420090 Survivair 4000 Black, 5-Pt. Headstrap, Standard

410079 Survivair 4000 Black, 5-Pt. Headstrap, Nose cup, Small

420079 Survivair 4000 Black, 5-Pt. Headstrap, Nose cup, Standard

Accessories

430000 Welding Lens Attachment, Shade 10

430030 Welding Lens Attachment w/ Auto Darkening, Variable Shade 9 - 12

430035 Replacement Auto Darkening, Variable Shade 9 - 12 Lens

430005 Flame Retardant Lower Protective Bib

430010 Flame Retardant Upper Protective Bib

140105 Spark Cover for P100 Slimline Filters

Survivair Mouthbit

Provides workers with quick respiratory protection in case of emergency

- Permissible chemical cartridge respirator for escape from chlorine, chlorine dioxide, sulfur dioxide, hydrogen sulfide or hydrogen chloride
- Extremely lightweight and features a narrow profile design
- Low breathing resistance
- Mouthpiece and nose clip made of soft, pliable material
- Breakaway lanyard included
- Features an exclusive tamper-resistant package
- When donning instructions are followed as illustrated on the bag's exterior, the unit can be donned in ten seconds or less
- Optional reusable nylon carry pouch

Survivair Escape Breathing Apparatus (EBA)

Every second counts in an emergency

- The EBA-5/10 is composed of a refillable cylinder
- Features a valve and pressure gauge assembly, breathing tube, protective air hood, and regulator assembled in a carry pouch for added convenience
- Fits easily over eyeglasses, beards, and hard hats
- Flexible hood has a large opening and offers a proper fit to wearers
- Elastic drawstring provides a secure neck seal for minimum leakage and maximum protection
- Clear tuftane film hood with a permanent anti-fog coating

EMERGENCY PROTECTION IN SECONDS

Every second counts in an emergency. That's why Sperian has designed an advanced emergency Escape Breathing Apparatus (EBA-5 and EBA-10) that's so easy to use, it can be donned and functioning in seconds.

The EBA-5/10 supplies five or ten minutes of emergency breathing air, giving your workers the time they need to safely escape from toxic or oxygen-deficient atmospheres.

Ordering Information

600200 Survivair Acid Gas Mouthbit Respirator

Accessories
600250 Nylon Carrying Pouch
600251 Tyvek® Mouthpiece Cover
600265 Lanyard
600267 Belt Clip

Ordering Information

975080 Survivair 5-Minute Escape Breathing Apparatus (EBA-5)
975090 Survivair 10-Minute Escape Breathing Apparatus (EBA-10)
975190 Survivair 5-Minute High-Flow Escape Breathing Apparatus (EBA-HF5)

SURVIVAIR POWERED AIR PURIFYING RESPIRATORS (PAPR)

Sperian has developed a line of High Efficiency (HE) Powered Air Purifying Respirators designed to be economical and durable without compromising user comfort or protection. Choose between a Mask Mounted PAPR system or a Belt Mounted PAPR system dependant on your applications and needs.

5-Pt Strap

Mesh Headnet

Survivair Mask Mounted PAPR

Sperian's mask mounted Survivair PAPR is durable and lightweight

- Lightweight unit will not slow worker efficiency
- Low cost High Efficiency (HE) filter that consolidates inventory and reduces inventory costs
- The battery pack is water resistant, and contoured for wearer comfort
- Silicone facepiece offers high durability and unmatched comfort
- Molded in speaking diaphragm enhances wearer communication
- Full Facepiece easily convertible to negative pressure Air Purifying Respirator or Continuous Flow SAR
- Includes: facepiece, blower, battery charger, power cord, HE filter, belt and air flow tester

Ordering Information

Survivair Opti-Fit Facepiece
520500 Survivair Opti-Fit™ Mask Mounted PAPR, 5-Pt. Strap, Battery and Blower, Small
520600 Survivair Opti-Fit™ Mask Mounted PAPR, 5-Pt. Strap, Battery and Blower, Medium
520700 Survivair Opti-Fit™ Mask Mounted PAPR, 5-Pt. Strap , Battery and Blower, Large
520520 Survivair Opti-Fit™ Mask Mounted PAPR, Mesh Headnet, Battery and Blower, Small
520620 Survivair Opti-Fit™ Mask Mounted PAPR, Mesh Headnet, Battery and Blower, Medium
520720 Survivair Opti-Fit™ Mask Mounted PAPR, Mesh Headnet, Battery and Blower, Large

Survivair® 4000 Facepiece
510000 Survivair 4000 Mask Mounted PAPR, 4-Pt. Headstrap, Battery and Blower, Small
520000 Survivair 4000 Mask Mounted PAPR, 4-Pt. Headstrap, Battery and Blower, Standard
510015 Survivair 4000 Mask Mounted PAPR, 5-Pt. Headstrap, Battery and Blower, Small
520015 Survivair 4000 Mask Mounted PAPR, 5-Pt. Headstrap, Battery and Blower, Standard

Parts & Accessories
108000 PAPR Filter, High Efficiency (HE) (Box of 4 filters)
108044 PAPR Filter, High Efficiency (HE) (Bulk Pack – Case of 84 filters)
520020 Blower Unit, Mask-Mounted
520030 Power Cord, Mask-Mounted
520060 Battery Pack, Mask-Mounted
981177 Filter Shower Cap With Holes
981178 Filter Shower Cap Without Holes

> > >
> > >

DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

WELDING SOLUTIONS

ESCAPE SOLUTIONS

PAPR

SAR

SCBA

FIT TEST KITS & ADAPTERS

ACCESSORIES

SURVIVAIR POWERED AIR PURIFYING RESPIRATORS (PAPR)

Survivair Belt Mounted PAPR

Safe and efficient Belt Mounted PAPR with multiple facepiece options

- Choice of silicone full facepiece, silicone half mask, or Tyvek® single bib hood
- Low cost High Efficiency (HE) filter consolidates inventory and reduces inventory costs
- The battery pack is water resistant, and contoured for wearer comfort
- Battery pack, blower kit and filters fit comfortably on wearer's hips
- Efficient motor provides high air flow rate
- Long-lasting battery pack with trouble-free recharging
- Facepiece kit includes facepiece, breathing tube and breathing tube cover
- Blower kit and high efficiency filters sold separate

Single Bib Hood

- Offers flexible alternative to tight-fitting facepieces and covers neck and collar area, providing splash/overspray/skin absorption protection and easy wearer cleanup
- Fits persons with facial hair or prescription glasses; the only alternative to tight-fitting facepieces
- Hood easily accomodates a hard hat when head protection is required

Order a Belt Mounted PAPR in 4 easy steps:

1. Choose a facepiece kit
2. Order blower and battery kit assembly
3. Order HE filter
4. Select any additional accessories or replacement parts

Ordering Information

1. FACEPIECE KITS (includes breathing tube)
Survivair Opti-Fit Full Facepiece
540510 Survivair Opti-Fit™ PAPR Kit, 5-Pt. Strap, Small
540610 Survivair Opti-Fit™ PAPR Kit, 5-Pt. Strap, Medium
540710 Survivair Opti-Fit™ PAPR Kit, 5-Pt. Strap, Large
541510 Survivair Opti-Fit™ PAPR Kit, Mesh Headnet, Small
541610 Survivair Opti-Fit™ PAPR Kit, Mesh Headnet, Medium
541710 Survivair Opti-Fit™ PAPR Kit, Mesh Headnet, Large

Survivair® 4000 Full Facepiece
530083 Survivair 4000 PAPR Kit, 5-Pt. Strap, Small
540083 Survivair 4000 PAPR Kit, 5-Pt. Strap, Standard
530085 Survivair 4000 PAPR Kit, 4-Pt. Strap, Small
540085 Survivair 4000 PAPR Kit, 4-Pt. Strap, Standard

Survivair 2000 Half Mask
550085 Survivair 2000 PAPR Kit, Small
560085 Survivair 2000 PAPR Kit, Medium
570085 Survivair 2000 PAPR Kit, Large

Hood
590085 Tyvek Single Bib Hood

2. BLOWER AND BATTERY KIT ASSEMBLY (includes battery charger, flow meter, power cord and belt assembly)
500085 Belt-Mounted PAPR Blower and Battery Kit Assembly

3. PAPR FILTERS
108000 PAPR Filter, High Efficiency (HE) (Box of 4 filter)
108044 PAPR Filter, High Efficiency (HE) (Bulk Pack – Case of 84 filters)

4. PARTS & ACCESSORIES
540050 Blower Unit, Belt-Mounted
540030 Power Cord, Belt-Mounted
540060 Battery Pack, Belt-Mounted
981177 Filter Shower Cap With Holes
981178 Filter Shower Cap Without Holes
981814 Hard Hat Adapter for Hood *(hard hat not included)*
981812 Replacement Hoods (3/box)

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Supplied Air Respirators

At Sperian Respiratory Protection, we understand your need for interchangeable respiratory products and systems. We provide a comprehensive line of respiratory protection equipment, with an emphasis on products that convert easily for specific applications. Stated simply, we meet more workers' needs with less inventory. The fully interchangeable components deliver the highest level of performance and significant cost savings. Our continuous flow Full Facepiece and Half Mask convert to Air Purifying Respirators.

Sperian Constant Flow Supplied Air Respirators (CF-SAR)

Features numerous facepiece alternatives
Sperian's Continuous Flow Supplied Air Respirators represent a highly cost-effective solution for respiratory protection in non-IDLH environments. Numerous facepiece alternatives are available, the Survivair Opti-Fit™ full face-piece is available in three sizes, with a side mounted tube or front mounted tube. All hoses and couplings are durable and efficient. The Survivair standard CF-SAR system utilizes the current Survivair Opti-Fit full facepiece and the 2000/Blue 1™ half masks. The Survivair W4K CF-SAR (previously branded Willson®) utilize the Willson 8600 full facepiece and the 6000 half mask. Whatever your environment dictates Sperian's versatile Continuous Flow Supplied Air Respirators provide maximum protection and value.

Ambient Air Pumps (AABA)

AABA pumps provide clean, breathable air into a supplied air respirator or hood. They are designed to provide portable air when a compressor may not be needed or available. Typical applications include spray painting and cleaning of chemicals or hazardous materials.

Sperian Travel Panel

50MP Portable Air Filtration System

The Sperian TravelPanel 50mp is a portable air filtration system designed to purify compressed breathing air by removing water, oil, and particulates as small as 0.01 microns, organic substances and odors, to provide Grade-D breathing air for 1 to 4 workers using supplied air respirators. The TravelPanel 50mp can supply 50 cubic feet per minute (CFM) of purified air and regulates the outlet pressure to comply with NIOSH requirements for your respirator. An incorporated MultiPro™ gas detector monitors the air for CO (carbon monoxide) and the optional O2 sensor can also monitor the oxygen level. The MultiPro offers blackbox recording, calibration reminder and one button automatic calibration as standard features, all within the TravelPanel's durable housing. Additional TravelPanel 50mp accessories include: built-in locking stabilizer legs, a bright red LED strobe, low pressure alarm, a choice of alkaline or rechargeable batteries and a choice of Hansen or Schrader outlet fittings.

Ordering Information

54-50-abcdef TravelPanel 50MP with standard accessories.
For code breakdown for ABCDE see Options below.
A = 1 CO
   3 CO and O2
B = 0 No Options
    1 LED Strobe Light
    2 Locking Stabilizer Legs
    3 Both
C = 0 No Option
    1 Low Pressure Alarm
D = N Rechargeable
    A Alkaline*
E = H Hansen outlet fitting
    S Schrader outlet fitting
F = 0 No Options
    1 MultiPro with Full Datalogging Option
    2 Dust Covers
    3 Both

54-50-331nh
Travel Panel 50MP with CO/O2 sensors, LED Strobe Light, Locking Stabilizer Legs, Low Pressure Alarm, Rechargeable Battery, and Hansen Outlet Fittings

54-50-100nh
Hansen Outlet Fittings

54-50-100ns
Schrader Outlet Fittings

Standard

W4K

Vortex Cooler/Personal Air Cooler

Vortex Coolers keep workers comfortable while reducing heat

For use with Survivair and W4K CF-SAR systems
- Reduces hot and humid ambient air by as much as 30° F (17° C)
- Survivair CF-SAR requires a minimum of 55-60 psi to operate
- Survivair W4K CF-SAR requires a minimum of 40 psi to operate
- NIOSH-approved
- No moving or electrical parts to break or repair

Ordering information:
981847 Survivair® Standard Vortex Cooler Assembly
14900724 Survivair W4K Personal Air Cooler

Vortex coolers are not compatible with Survivair Ambient Air Pumps or Pressure Demand SARs

Standard SAR Pre-Packaged AABA Systems

Survivair Opti-Fit™ SAR 1 Person
Comes with 1 facepiece set-up, 50' hose, 1/4 hp pump and couplings
981442 Survivair Opti-Fit SAR | One-Person 1/4 hp Pump, Medium

SurvivairOpti-Fit SAR 1-2 Person
Comes with 1 facepiece set-up, 50' hose, 3/4 hp, 2 person pump and couplings
981452 One Opti-Fit SAR | One-Person/ Two-Person 3/4 hp Pump, Medium

Survivair Opti-Fit SAR 2 Person
Comes with 2 facepiece set-up's, 2-50' hose, 3/4 hp, 2 person pump and couplings
981462 Two Survivair Opti-Fit SARs | Two-Person 3/4 hp Pump, Medium

Survivair SAR Hood 1 Person
Comes with 1 facepiece set-up, 50' hose, 3/4 hp pump and couplings
981852 Full SAR Hood | One-Person 3/4 hp Pump

Survivair Blue 1 SAR 1 Person
Comes with 1 facepiece set-up, 50' hose, 1/4 hp pump and couplings
981342 One Blue 1 SAR | One Person 1/4 hp Pump, Medium

DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

WELDING SOLUTIONS

ESCAPE SOLUTIONS

PAPR

SAR

SCBA

FIT TEST KITS & ADAPTERS

ACCESSORIES

SURVIVAIR® CONSTANT FLOW SUPPLIED AIR SYSTEMS – AMBIENT AIR PUMPS

Ordering a CF-SAR AABA Pump System is easy and customizable! Choose 1 from each of the following sections:

1 ## Choose a Respirator

Survivair Opti-Fit CF-SAR Full Facepiece	
Survivair Opti-Fit™ 5-pt.Strap Full Facepiece, Front Port w/rubber breathing tube, Small | Medium | Large	981500/ 981501/ 981503
Survivair Opti-Fit™ Full Facepiece, Mesh Headnet, Front Port w/rubber breathing tube, Small | Medium | Large	981550/ 981551/ 981553
Survivair Opti-Fit™ Full Facepiece, 5-pt.Strap, Side Port w/rubber breathing tube, Small | Medium | Large	981400/ 981401/ 981403
Survivair Blue 4000 CF-SAR Full Facepiece	
Survivair Blue 4000 4-Pt. Strap Full Facepiece, Small | Standard Size	981212/ 981200
Survivair Blue 4000 4-Pt. Strap Full Facepiece and P100 Egress, Small | Standard Size	981214/ 981204
Survivair Black 4000 5-Pt. Strap Full Facepiece Full Facepiece for Welding, Small | Standard Size	981292/ 981290
Survivair Blue 1/2000 CF-SAR Half Mask	
Survivair Blue 1™ Half-Mask, Small | Medium | Large	981310/ 981300/ 981320
Survivair 2000 Half-Mask, Small | Medium | Large	981379/ 981380/ 981381
Survivair CF-SAR Hoods	
Hood with Polyester Lens, Single Bib, Knit Collar, Breathing Tube	981820
Hood with Polyester Lens, Single Bib, Knit Collar, Plastic Breathing Tube, Ratchet Suspension	981840
Single Bib Hood Replacement (3/box)	981812

2 ## Choose OBAC Male Plug (respirator connection)
Order 1 for each respirator

OBAC Male Plug	985247

3 ## Choose Hose Length – 25′ / 50′ / 100′
Max = 100′ or 2 Hose Lengths

25 Foot Hose with OBAC Couplings for Ambient Air Pumps	985241
50 Foot Hose with OBAC Couplings for Ambient Air Pumps	985242
100 Foot Hose with OBAC Couplings for Ambient Air Pumps	985244

4 ## Choose AABA Pump

1/4 Horsepower Pump (Operates 1 Tight-Fitting Facepiece)	985210
3/4 Horsepower Pump (Operates 1 Hood or 2 Tight-Fitting Facepieces)	985200
1-1/2 Horsepower Pump (Operates 3 Hoods or 4 Tight-Fitting Facepieces)	985225

SURVIVAIR CONSTANT FLOW SUPPLIED AIR SYSTEM – GRADE D BREATHING AIR

Ordering a CF-SAR System is easy and customizable! Choose 1 from each of the following sections:

1 Choose a Respirator

Survivair Opti-Fit CF-SAR Full Facepiece

Survivair Opti-Fit™ 5-pt.Strap Full Facepiece, Front Port w/rubber breathing tube, Small | Medium | Large	981500/ 981501/ 981503
Survivair Opti-Fit™ Full Facepiece, 5-pt.Strap, Side Port w/rubber breathing tube, Small | Medium | Large	981400/ 981401/ 981403

Survivair Blue 4000 CF-SAR Full Facepiece

Survivair Blue 4000 4-Pt. Strap Full Facepiece, Small | Standard Size	981212/ 981200
Survivair Blue 4000 4-Pt. Strap Full Facepiece and P100 Egress, Small | Standard Size	981214/ 981204
Survivair Black 4000 5-Pt. Strap Full Facepiece Full Facepiece for Welding, Small | Standard Size	981292/ 981290

Survivair Blue 1/2000 CF-SAR Half Mask

Survivair Blue 1™ Half-Mask, Small | Medium | Large	981310/ 981300/ 981320
Survivair 2000 Half-Mask, Small | Medium | Large	981379/ 981380/ 981381

Survivair CF-SAR Hoods

Hood with Polyester Lens, Single Bib, Knit Collar, Breathing Tube	981820
Hood with Polyester Lens, Single Bib, Knit Collar, Plastic Breathing Tube, Ratchet Suspension	981840
Single Bib Hood Replacement (3/box)	981812

2 Choose Male Plug (respirator connection)
Coupling kit type must remain same through out the CF-SAR System

Schrader Male Plug	930433
Hansen Male Plug	930466
Foster Male Plug	930429
OBAC Male Plug	985247

3 Choose Hose Length – 25′ / 50′ / 100′
Max = 300′ or 3 Hose Lengths

Hoses without OBAC Fittings

3/8″ Standard Pressure | 25′	930801
3/8″ Standard Pressure | 50′	930802
3/8″ Standard Pressure | 100′	930804
3/8″ High Performance | 10′	930870
3/8″ High Performance | 25′	930861
3/8″ High Performance | 50′	930862
3/8″ High Performance | 100′	930864

Hoses with OBAC Fittings

25 Foot Hose with OBAC Couplings for Ambient Air Pumps	985241
50 Foot Hose with OBAC Couplings for Ambient Air Pumps	985242
100 Foot Hose with OBAC Couplings for Ambient Air Pumps	985244

4 Choose Coupling Set
1 female and 1 male for hose interconnection (only for Non-OBAC Systems)

Schrader Kit (includes 1 male & 1 female fitting)	*930820*
Schrader Female Coupling	930437
Schrader Male Plug	930433
Hansen Kit (includes 1 male & 1 female fitting)	*930830*
Hansen Female Coupling	930465
Hansen Male Plug	930466
Foster Kit (includes 1 male & 1 female fitting)	*930810*
Foster Female Coupling	930424
Foster Male Plug	930429
OBAC Kit (includes 1 male & 1 female fitting)	*930840*
OBAC Female Coupling	985248
OBAC Male Plug	985247

5 Choose Female Coupling (air source connection)
Coupling kit type must remain same through out the CF-SAR System

Schrader Female Coupling	930437
Hansen Female Coupling	930465
Foster Female Coupling	930424
OBAC Female Coupling	985248

DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

WELDING SOLUTIONS

ESCAPE SOLUTIONS

PAPR

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SCBA

FIT TEST KITS & ADAPTERS

ACCESSORIES

SURVIVAIR W4K CONSTANT FLOW SUPPLIED AIR SYSTEM – AMBIENT AIR PUMPS

Ordering a W4K CF-SAR AABA Pump System is easy and customizable! Choose 1 from each of the following sections:

1 **Choose a Respirator**

CF-SAR Tight Fitting Full Facepiece Mask	
8600 Full Facepiece w/Tite Seal, Schrader Fitting, Small | Medium | Large	**14320151/ 14320152/ 14320153**
8600 Full Facepiece w/5-pt. Strap, Schrader Fitting, Small | Medium | Large	**14320148/ 14320149/ 14320150**
CF-SAR Tight Fitting Half-Mask Facepiece	
Premier Half-Mask, Schrader Fitting, Small | Medium | Large	**14310042/ 14310043/ 14310044**
CF-SAR Loose Fitting Hoods	
Acetate Lens with Single Bib, Standard Suspension and No Fitting, Plastic Breathing Tube	**14510028**
Acetate Lens with Double Bib, Ratchet Suspension and No Fitting, Plastic Breathing Tube	**14510021**
Acetate Lens with Single Bib, Standard Suspension and Schrader Fitting, Plastic Breathing Tube	**14510004**
Acetate Lens with Double Bib, Ratchet Suspension and Schrader Fitting, Plastic Breathing Tube	**14510019**
Acetate Lens with Double Bib, Ratchet Suspension, Personal Air Cooler and Schrader Fitting, Plastic Breathing Tube	**14510027**
Polyester Lens with Double Bib, Ratchet Suspension and Schrader Fitting, Plastic Breathing Tube	**14510025**
Replacement Hood, Single Bib, Acetate (for 14510028 10/pkg)	**14900409**

2 **Choose Schrader Male Plug (respirator connection)**
If ordered respirator with fitting, do not need to order additional male plug.
Order 1 for each respirator. Coupling Kit must be the same throught CF-SAR System

Schrader Male Plug	**14900357**

3 **Choose Hose Length – 25′ / 50′ / 100′**
Max = 100′ or 2 Hose Lengths

3/8″ Hose with Schrader Fitting | 25′	**14900185**
3/8″ Hose with Schrader Fitting | 50′	**14900186**
3/8″ Hose with Schrader Fitting | 100′	**14900188**
1/2″ Hose with Schrader Fitting | 50′	**14900503**
1/2″ Hose with Schrader Fitting | 100′	**14900417**

4 **Choose Schrader Female Coupling**

Schrader Female Coupling	**930437**

5 **Choose AABA Pump**

1/4 Horsepower Pump (Operates 1 Tight-Fitting Facepiece)	**985210**
3/4 Horsepower Pump (Operates 1 Hood or 2 Tight-Fitting Facepieces)	**985200**
1-1/2 Horsepower Pump (Operates 3 Hoods or 4 Tight-Fitting Facepieces)	**985225**

SURVIVAIR W4K CONSTANT FLOW SUPPLIED AIR SYSTEM – GRADE D BREATHING AIR

Ordering a W4K CF-SAR System is easy and customizable! Choose 1 from each of the following sections:

1 **Choose a Respirator**
For Schrader type systems, order facepiece with Schrader fittings

CF-SAR Tight Fitting Full Facepiece Mask
8600 Full Facepiece w/Tite Seal, Schrader Fitting, Small | Medium | Large	14320151/ 14320152/ 14320153
8600 Full Facepiece w/5-pt. Strap, Schrader Fitting, Small | Medium | Large	14320148/ 14320149/ 14320150

CF-SAR Tight Fitting Half-Mask Facepiece
Premier™ Half-Mask, Schrader Fitting, Small | Medium | Large	14310042/ 14310043/ 14310044

CF-SAR Loose Fitting Hoods
Acetate Lens with Single Bib,Standard Suspension and No Fitting, Plastic Breathing Tube	14510028
Acetate Lens with Double Bib, Ratchet Suspension and No Fitting, Plastic Breathing Tube	14510021
Acetate Lens with Single Bib, Standard Suspension and Schrader Fitting, Plastic Breathing Tube	14510004
Acetate Lens with Double Bib, Ratchet Suspension and Schrader Fitting, Plastic Breathing Tube	14510019
Acetate Lens with Double Bib, Ratchet Suspension, Personal Air Cooler and Schrader Fitting, Plastic Breathing Tube	14510027
Polyester Lens with Single Bib, Hard Hat and Schrader Fitting, Plastic Breathing Tube	14510030
Polyester Lens with Double Bib, Ratchet Suspension and Schrader Fitting, Plastic Breathing Tube	14510025
Replacement Hood, Single Bib, Acetate	14900409

2 **Choose Male Plug (respirator connection) only for non-Schrader type systems**
Coupling kit type must remain same through out the CF-SAR System

Schrader Male Plug	14900357
Hansen Male Plug	14900532
Industrial Interchange Male Plug	14900530
Snap Tite Male Plug	14900537

3 **Choose Hose Length – 25′ / 50′ / 100′**
Max = 300′ or 3 Hose Lengths

Hoses with Schrader Fittings		Hoses without Schrader Fittings	
3/8″ Hose with Schrader Fitting | 25′	14900185	3/8″ Hose with MPT | 25′	14900743
3/8″ Hose with Schrader Fitting | 50′	14900186	3/8″ Hose with MPT | 50′	14900744
3/8″ Hose with Schrader Fitting | 100′	14900188		
1/2″ Hose with Schrader Fitting | 50′	14900503		
1/2″ Hose with Schrader Fitting | 100′	14900417		

4 **Choose Coupling Set**
1 male and 1 female for hose interconnection (only for non-Schrader type systems)
Coupling kit type must remain same through out the CF-SAR System

Schrader	
Schrader Female Coupling	14900521
Schrader Male Plug	14900524
Hansen	
Hansen Female Coupling	14900538
Hansen Male Plug	14900531
Industrial Interchange	
Industrial Interchange Female Coupling	14900519
Industrial Interchange Male Plug	14900517
Snap Tite	
Snap Tite Female Coupling	14900535
Snap Tite Male Plug	14900536

5 **Choose Female Coupling (air source connection)**
Order 1 for each air source connection

Schrader Female Coupling	14900521
Hansen Female Coupling	14900538
Industrial Interchange Female Coupling	14900519
Snap Tite Female Coupling	14900535

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DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

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SUPPLIED AIR RESPIRATORS (SAR) – PRESSURE DEMAND

Survivair Pressure Demand (PD) Supplied Air Respirators and Hip-Pacs provide the highest level of interchangeability, protection, and ease of operation.
- Full Facepiece PDA SARs offer the simplicity and reliability of Panther® mask-mounted regulators
- Hip-Pacs enhance protection in environments immediately dangerous to life or health (IDLH), with 5-, 10-, or 15-minute escape cylinders
- Panther PD SARs and Hip-Pacs provide significant cost savings and convenience as part of fully interchangeable respirator systems

TIGHT-FITTING PRESSURE DEMAND SAR

Ordering Information

Panther Series, Mask-Mounted Regulator
P968446 Full Facepiece, No Coupling TC - 19C - 302 (Small)
P968445 Full Facepiece, No Coupling TC - 19C - 302 (Medium)
P968447 Full Facepiece, No Coupling TC - 19C - 302 (Large)
P968435 Full Facepiece, with P100, No Coupling, TC - 84A - 0229 (Classic)
P968437 Full Facepiece, Black (Welding), with P100 Escape, No Coupling, TC - 84A - 0229 (Classic)
Optional: also available with the Puma hood.

Panther Series, Mask-Mounted Regulator, with Emergency Escape
P968455 Panther Hip-Pac, with 5-Minute Escape (2216 psig, Aluminum), with Quick-Disconnect, No Coupling, TC - 13F - 300
P968457 Panther Hip-Pac, with 5-Minute Escape (2216 psig, Aluminum), without Quick-Disconnect, No Coupling, TC - 13F - 300
P968475 Panther Hip-Pac, with 10-Minute Escape (3000 psig, Aluminum), with Quick-Disconnect, No Coupling, TC - 13F - 301
P968477 Panther Hip-Pac, with 10-Minute Escape (3000 psig, Aluminum), without Quick-Disconnect, No Coupling, TC - 13F - 301
P968605 Panther Hip-Pac, with 10-Minute Escape (4500 psig, Fully Wrapped Carbon), with Quick-Disconnect, No Coupling, TC - 13F - 482
P968615 Panther Hip-Pac, with 10-Minute Escape (4500 psig, Fully Wrapped Carbon), with Quick-Disconnect, No Coupling, with COMPASS Integrated PASS Device, with Buddy Breather, TC - 13F - 482
P968500 Panther Hip-Pac, with 15-Minute Escape (3000 psig, Hoop-Wrapped Fiberglass), with Quick-Disconnect, No Coupling, TC - 13F - 307

Panther Series, Pressure Demand SAR and Hip-Pac Upgrade and Conversion Kits
P968452 Panther 5-Minute SCBA Conversion Kit (Hip-Pac without Facepiece and Regulator, with Quick-Disconnect), No Coupling
P968453 Panther 5-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)
P968472 Panther 10-Minute SCBA Conversion Kit (Hip-Pac Aluminum Cylinder, without Facepiece and Regulator, with Quick-Disconnect), No Coupling
P968473 Panther 10-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)
P968540 Panther 15-Minute SCBA Conversion Kit (Hip-Pac, without Facepiece and Regulator, with Quick-Disconnect), No Coupling
P968535 Panther 15-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)

Spare Hip-Pac Cylinders
975081 Spare Cylinder (2216 psig, Aluminum), 5-Minute Hip-Pac
975154 Spare Cylinder (3000 psig, Aluminum), 10-Minute Hip-Pac
917250 Spare Cylinder (4500 psig, Fully Wrapped Carbon), 10-Minute Hip-Pac
968513 Spare Cylinder (3000 psig, Hoop-Wrapped Fiberglass), 15-Minute Hip-Pac

Conversion Kits for XL-Style Hip-Pacs to Panther Hip-Pacs
P968454 Panther Hip-Pac without Cylinder, with Quick-Disconnect, No Coupling
P968459 Panther Hip-Pac without Cylinder, without Quick-Disconnect, No Coupling

AIR LINE COUPLING HARDWARE

Ordering Information

Air Line Coupling Kits and Individual Couplings
930810 Foster Kit (1 Each, Male and Female)
930424 Foster Coupling
930429 Foster Plug
930820 Schrader Kit (1 Each, Male and Female)
930437 Schrader Coupling
930433 Schrader Plug
930830 Hansen Kit (1 Each, Male and Female)
930465 Hansen Coupling
930466 Hansen Plug
945007 Hansen Kit - Stainless Steel (1 Each, Male and Female)
945010 Hansen Stainless Steel Coupling
945011 Hansen Stainless Steel Plug

AIR LINE HOSE

Ordering Information

Lightweight 3/8" Hose
930801 25-Foot Hose without Couplings
930802 50-Foot Hose without Couplings
930804 100-Foot Hose without Couplings

High Performance 3/8" Hose
930870 10-Foot Hose without Couplings
930861 25-Foot Hose without Couplings
930862 50-Foot Hose without Couplings
930864 100-Foot Hose without Couplings

STANDARD ACCESSORIES

Ordering Information

951015 Anti-Fog Solution (1 Ounce)
951016 Anti-Fog Solution (16 Ounce)
962900 APR Adapter/Qualitative Fit Test Adapter, Pressure Demand SAR (No Nose Cup Included) - TwentyTwenty/TwentyTwenty Plus Facepiece
962911 APR Adapter/Qualitative Fit Test Adapter, Pressure Demand SAR (Slotted Medium Nose Cup Included) - TwentyTwenty/TwentyTwenty Plus Facepiece
962912 APR Adapter/Qualitative Fit Test Adapter, Pressure Demand SAR (Slotted Standard Nose Cup Included) - Classic Facepiece
962913 APR Adapter/Qualitative Fit Test Adapter, Pressure Demand SAR (Slotted Large Nose Cup Included) - Classic Facepiece
B140096 Facepiece Cleaner Box (100 each)
140082 Facepiece Cleaner Canister (220 each)
966065 Hip-Pac Bag
966027 Hip-Pac Carrying Case (All Models)
B140095 Lens Cover (25 each) - Classic Facepiece
702028 Lens, Cover, Clear)25 each) - TwentyTwenty Plus Facepiece
941899 Probed Full Facepiece Lens Kit - Classic Facepiece
962253 Probed Full Facepiece Lens Kit - TwentyTwenty Facepiece
962262 Probed Full Facepiece Lens Kit - TwentyTwenty Plus Facepiece
962920 Quantitative Fit Test Adapter, Panther-Style Pressure Demand SAR (Requires) 962900/11/12
995605 SAR Video
941107 Spectacles Kit - XL - Style Facepiece
980003 Spectacles Kit - Classic Facepiece
962260 Spectacles Kit - TwentyTwenty/TwentyTwenty Plus Facepiece
980200 Suit Pass-Through Kit
940118 Zipper Facepiece Bag

SUPPLIED AIR SYSTEMS ACCESSORIES/CASCADE SYSTEM

5 | 6 MAN REGULATOR WITHOUT COUPLINGS

8 | 9 AUDIBLE ALARM

12 | 13 ISOLATION AND BLEED VALVE

RELIEF VALVE

1 | 2 TEE CONNECTOR

PLUG

COUPLING

COUPLING

10 MANIFOLD WITH THREADED PLUGS

11 THREADED PLUG

12 | 13 ISOLATION AND BLEED VALVE

1 | 2 TEE CONNECTOR

3 | 4 PIGTAIL HOSE

12 | 13 ISOLATION AND BLEED VALVE

AIR CART

Used as either a primary air source or an emergency air supply, the Survivair Air Cart can contain up to two independently operating 30, 45, or 60-minute high pressure (4500 psig) cylinders, or up to two independently operating 30-minute low pressure (2216 psig) cylinders. An inlet allows a regulated air source to be used with an optional bypass to allow an unregulated air source. The built-in manifold allows up to five Foster, Hansen, or Schrader quick-disconnect couplings to supply air for up to five workers. A built-in low air warning whistle sounds at 550 psig.

Ordering Information

Low Pressure (2216 psig)
731200 Without Cylinders, Without Fittings
731240 High Pressure Bypass
Note: Quick-Disconnect Sold Separately

High Pressure (4500 psig)
731250 Without Cylinders, Without Fittings
731245 High Pressure Bypass

SAR ATTACHMENT KIT FOR 1997-STYLE PANTHER AND COUGAR/PUMA SCBA'S

This kit enables Survivair Panther SCBA users to utilize supplied air sources easily and conveniently. The kit contains: a short pigtail hose with a Rectus male connector on one end and a bare opposite end (for use with Foster, Schrader, or Hansen quick-disconnect couplings); a strap and retainer which attach to the Survivair Panther waist strap to hold the pigtail and incoming hose line; and a check valve which mounts onto the buddy breathing adapter block. The kit requires the prior installation of a Survivair Panther buddy breathing kit (961148). The 965122 SAR attachment kit is available for the 2002-style Panther SCBA.
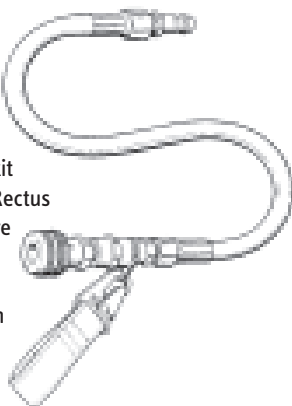
Ordering Information

961800 Supplied Air Attachment Kit, 1997-Style Panther/Cougar/Puma SCBA
965122 Supplied Air Attachment Kit, 2002-Style Panther SCBA
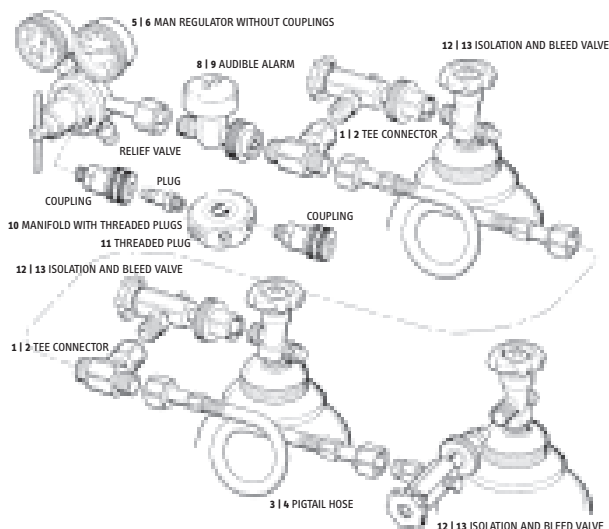
CASCADE SYSTEM

A Cascade System consists of at least two storage cylinders interconnected by a series of couplings and pigtails. Compressed and purified Grade "D" (minimum) air stored in the cylinders is drawn off through a pressure reducing regulator and supplied to the SAR system at the required pressure level. A manifold can be used when supplying air for two or more workers. A central filling station, typically located next to the storage cylinders, can provide the compressed and purified air to the cylinders in the Cascade System.
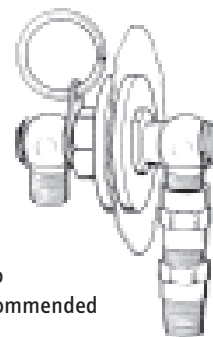
Ordering Information

Cascade System Components
1.   **238010** Tee Connection, CGA 346 (3000 psi maximum)
2.   **238009** Tee Connection, CGA 346 (5500 psi maximum)
3.   **731158** Pigtail Hose, CGA 346 to CGA 347 (3000 psi maximum)
4.   **731157** Pigtail Hose, CGA 346 to CGA 347 (5500 psi maximum)
5.   **912005** 5-Man Regulator without Couplings (3000 psi maximum)
6.   **731020** 5-Man Regulator without Couplings (5500 psi maximum)
7.   **960020** Relief Valve
8.   **960603** Audible Alarm, CGA 346LP
9.   **960642** Audible Alarm, CGA 347HP
10. **960050** Manifold with Threaded Plugs
11. **960056** Threaded Plug
12. **731012** Isolation or Bleed Valve (3000 psi maximum)
13. **731013** Isolation or Bleed Valve (6000 psi maximum)

SUIT PASS-THROUGH KIT

This NIOSH-certified fitting safely supplies air to Class A chemical suits, keeping out contaminants while allowing a quick disconnect if escape is necessary. The pass-through can be used with Foster or Schrader quick-disconnect couplings. It is constructed of stainless steel and brass components to give it maximum resistance to corrosive chemicals. The pass-through is recommended for use with suits of .020" to .080" thickness.

Ordering Information

980200 Suit Pass-Through Kit

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Warrior™ SCBA
Based on your experience. Built for your world.

The Warrior is a new type of SCBA, based on proven technologies and updated with features suggested by firefighters themselves. We recruited teams of experienced professional firefighters and placed them at the center of the design process.

Now it's here. Completely redesigned, the Warrior™ SCBA incorporates proven technology and input from advisory teams of firefighters from large and small departments across North America.

The result is an SCBA unlike any you have experienced before. Comfortable, reliable, easy to use and field-tested tough. The Warrior moves and works the way firefighters need it to—with them, not against them— in the most adverse conditions. Experience the Warrior difference for yourself.

Developed with firefighters. A difference you can rely on.

INTEGRATED DESIGN

Superior Mobility

Standing, bending, crawling or climbing, the Warrior™ SCBA moves with you, not against you. The sleek integrated design eliminates bulky protrusions that restrict movement and act as snag points. The unique MaxxMotion™ swivel and pivot mechanism ensures that the Warrior moves the way you need to move in the most demanding of circumstances.

Enhanced Communications

To keep your team connected, Warrior offers a choice of two best-in-class communication options.

1. The CommCommand™ Voice Amplification System (VAS) offers clear, distortion-free, local vicinity communication with push-to-talk or hands-free modes.

2. The CommCommand™ Wireless Radio Communication System (RCS) utilizes a digital spread spectrum that scrambles voice data 14,000 times per second for crystal-clear radio communication. The lapel microphone with built-in speaker can be used independently or with the RCS in a matter of seconds for an integrated communications solution.

Optimized Vision

Smoke, darkness and glare challenge your vision. Warrior's TwentyTwenty® Plus CBRN facepiece delivers an unobstructed view and unparalleled peripheral vision. The optically correct, scratch-resistant polycarbonate lens with permanent anti-fog coating offers superior vision under the worst conditions. Lasting comfort is built in with a seal of soft, pliable butyl rubber designed to easily and comfortably fit most facial configurations.

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INTEGRATED DESIGN

1. **Carrying Handles.** Three large handles accommodate gloved hands and allow for easy transport.

2. **Air-Pod™ Backpack.** Lightweight, aluminum backplate delivers superior strength and stability.

3. **Alarms.** Choice of three audible low air alarms (bell, plain whistle, or warbling whistle) located near the ear for easy detection by the user. Visual low air alarm on back for easy identification in high-noise environments. A large red button on the front of the IntelliPASS™ provides instant full alarm. Battery status indicators on front and back for critical battery information prior to donning.

4. **Tank Band.** SpeedChange™ lock and release system makes for quick cylinder change-outs with one hand under the most adverse conditions.

5. **PASS Alarms.** IntelliPASS audible and visual alarms located on front and back of the SCBA increase chance of discovery regardless of the orientation of the fallen firefighter. Bi-color LEDs on front and back provide immediate visual indications of whether the IntelliPASS is in sensing or alarm mode. Data logging records the most recent 2,000 events – downloadable to any PC.

6. **Three Carabiner Attachments.** Carabiner attachment points withstand up to 1,000 pounds of pull force for extrication.

7. **Hip Pad.** Large, flexible hip pad distributes weight evenly across the back for added comfort. Unique MaxxMotion™ swivel and pivot design moves with firefighters, delivering superior maneuverability.

8. **Grab Handles.** Large grab handles allow easy location and function with gloved hands.

9. **First Stage Pressure Reducer.** Fail-safe design is simple and reliable; protected within the backpack to eliminate snag points.

10. **Central Power Source.** Single battery compartment, utilizing four "C" alkaline batteries, to power all integrated electronics simplifies and reduces the frequency of battery changes.

11. **Rapid Intervention Crew/Company Universal Air Connection (RIC UAC)** Protected by the backplate for safety – eliminating another snag point.

12. **TwentyTwenty® Plus CBRN Facepiece.** Optically correct anti-fog lens provides distortion-free view and unparalleled peripheral vision. Soft butyl rubber skirt furnishes excellent sealing ability, comfort and durability.

13. **Hard-wired Heads-Up Display (HUD).** Wide-span LED-style display automatically dims or brightens and offers "gas gauge" style readings for easy differentiation. External visual low air alarm provides easy identification in high-noise environments.

14. **CommCommand Voice Amplification System (VAS).** Features clear, distortion-free voice amplification with choice of push-to-talk or hands-free operation.

15. **CommCommand™ Wireless Radio Communication System (RCS).** Features digital spread spectrum radio frequency for crystal-clear communications. Eliminates interface cable snag hazard.

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CommCommand™ Communications

Sperian offers firefighters two best-in-class communication options: a Voice Amplification System (VAS) with distortion-free, crystal-clear person-to-person communication and a wireless Radio Communication System (RCS) that provides clear, remote communication utilizing digital spread spectrum technology.

- Both the VAS and RCS are modular, stand-alone components
- The streamlined design and integration of the RCS and VAS allow secure attachment to the TwentyTwenty® Plus facepiece
- Neither the VAS nor RCS obstruct the user's peripheral vision

Ordering Information

X242135 Wireless Radio Communication System (RCS)
X242136 Voice Amplification System (VAS)
X242137 RCS and VAS (Combo)
X242138 Facepiece Modification Kit (VAS without Amplifier Module)

Fit Test Adapters

- APR Adapter converts TwentyTwenty® Plus facepiece to APR
- APR Adapter NIOSH-certified for use with P100 filter or Multi-Contaminant/P100 cartridge/filter; also used to perform qualitative fit testing
- Allows easy interface with Portacount® fit tester

Ordering Information

962900 APR Adapter/Qualitative Fit Test Adapter
962920 Quantitative Fit Test Adapter (Requires 962900)

Pathfinder™

Field trials have shown that Survivair Pathfinder significantly reduces the time to locate a downed firefighter. Utilizing PULSE ultrasound technology, The Pathfinder consists of three omni-directional transmitters (the Beacons) and a narrowly focused receiver (the Tracker). The ultrasonic signal has a clear transmission path, no matter which way a firefighter has fallen. Readouts on the Tracker show the strength of the firefighter's signal, indicating whether the firefighter is near or far, or behind an obstruction. Warrior offers built-in compatibility with Survivair Pathfinder.

Ordering Information

961999 Tracker Kit for Survivair Pathfinder
963000 Exit Beacon Kit
963001 Auxiliary Beacon Kit

SCBA ACCESSORIES

Cylinder Options

Sperian Fire has a wide variety of cylinder options to suit your department's requirements. Sperian offers four designs for our carbon fiber cylinders – Standard, Flame, Maltese Cross and the Warrior™ design. Sperian Fire's carbon fiber material reduces cylinder weight by 2 to 10 lbs when compared to fiberglass-wrapped and aluminum cylinders.

Cylinder Availability Matrix

Carbon-Wrapped

	4500 PSIG				3000 PSIG	2216 PSIG
	30 Min	45 Min	45 Min (short)	60 Min	30 Min	30 Min
Sperian – Standard	●	●	●	●	●	●
Flames – Optional	●	●	●	●	●	●
Maltese Cross – Optional	●	●	●	●	●	●
Warrior Band – Optional	●	●	●	●	●	●

Aluminum

	4500 PSIG				3000 PSIG	2216 PSIG
	30 Min	45 Min	45 Min (short)	60 Min	30 Min	30 Min
Standard White with Sperian logo	○	○	○	○	○	●

Hoop-Wrapped Fiberglass

	4500 PSIG				3000 PSIG	2216 PSIG
	30 Min	45 Min	45 Min (short)	60 Min	30 Min	30 Min
Sperian – Standard	●	○	○	○	○	●

● Available   ○ Not available

CN/CS/WMD Adapter and APR Adapter

Both the Sperian Fire CN/CS/WMD and APR Adapters provide respiratory protection to the user without having to change facepieces. Both adapters attach to the TwentyTwenty® Plus facepiece in a matter of seconds and provide firefighters with the versatility of using the SCBA facepiece as an APR facepiece.

• NIOSH certified for use in CN/CS environments and usable against chemical warfare agents
• APR Adapter ideal for overhaul and non-IDLH environments

Ordering Information

CN/CS/WMD Adapter
960150 CN/CS/WMD Adapter
168800 CN/CS w/P100 Canister

APR Adapter
962900 APR Adapter
105810 Multi-Contaminant Cartridge with P100 Filter (box of 4)
105005 P100 Filter (box of 10)

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Spectacles (Vision) Kit

Spectacle kits allow anyone who uses a full facepiece respirator to use prescription eyeglasses inside the facepiece without compromising the seal. Sperian Fire offers two solutions.

Ordering Information

962260 Standard−Offers traditional metal framed eyeglasses that fit inside the TwentyTwenty Plus facepiece

964044 NexSpex−Offers a plastic frame that can be removed from the TwentyTwenty Plus facepiece and attached to the user's head with elastic straps

Buddy Breather

The Warrior's Buddy Breather offers the user the ability to share air with a "buddy" without having to disconnect the second stage regulator. It utilizes a two-step, push-pull, female quick-disconnect fitting designed to prevent accidental release. A dual fitting on a 37-inch hose allows firefighters to share their air without regulator disconnection.

Ordering Information

x975556 Buddy Breather, Over-the-Shoulder (Dual Fitting)

x975625 Buddy Breather Pouch (requires installed P/N 975556)

Chest Strap

Provides an extra measure of upper harness security for those who prefer it.

Ordering Information

x975460 Chest Strap

x975462 Chest Strap Shoulder Strap Attachment Rings Only (without Chest Strap)

Utility D-rings

Convenient D-rings located on the waist strap at either side of the user. These D-rings can be used to carry tools, ropes or other equipment a firefighter might need and are pull tested to over 1,000 lbs of pull force with no deformation.

Ordering Information

x975465R Utility D-ring, Right

x975465L Utility D-ring, Left

RIT (Rapid Intervention Team) Kit

A portable RIT Kit can hold everything your rapid intervention team needs for rescue in a rugged, compact, easy-to-carry package. There's room for a 60-minute cylinder, an integrated flashlight holder, and 10 ft of intermediate pressure hose with female/male and RIC/UAC fittings to mate to a downed firefighter's pneumatics. An integrated rope pouch accommodates up to 150 ft of 8mm rope. The bag is made from ballistic nylon with Kevlar® seams and straps for added strength.

The RIT Kit includes a 10-ft intermediate pressure hose with a double shutoff male fitting and an older-style female and double male adapter, plus a 10-ft high pressure fill hose for the RIC UAC fitting.

Ordering Information

968970 Universal UAC RIT Kit, black bag (includes bag, pneumatics and Pelican flashlight; no cylinder or rope), for 2007-compliant Warriors, 2002-compliant Panthers, and 1997-compliant Panthers

968922 Same as 968970, but with orange bag

964619 Optional Tool Pouch

964618 Spare Pelican Flashlight

Survivair Cougar™

The Survivair Cougar meets the demands of industrial users who want the finest respiratory protection against environments that are immediately dangerous to life or health (IDLH), but do not require the performance of an NFPA-compliant SCBA.

The Cougar design eliminates unnecessary fire fighting features, keeping costs under control for today's dollar-conscious industrial users, yet provides superior safety and comfort.

- Silicone rubber facepiece provides unsurpassed comfort and durability, even in extreme heat or cold. Also provides better sealing ability for improved comfort and fit. Five-strap head harness and skirt are available in three color-coded sizes (TwentyTwenty® Plus facepiece). Available in small and standard sizes in blue and black (Classic facepiece).
- Optional Headnet™ mesh-style head harness
- First stage regulator has minimal moving parts, dramatically enhances reliability, while reducing maintenance costs. Choice of three low air alarms – bell, plain whistle, or warbling whistle
- Second stage regulator has compact, low profile; Air Klic™ fastening system; first-breath-on; better downward vision for less chance of damage; allows attachment in any orientation; regulator holder on waist strap allows regulator to be kept in stand-by mode
- Mighty-Light® backpack is one of the lightest, easiest to use, and most comfortable backpacks in the industry; no tools required– no bolts or screws on harness for quick, easy disassembly and assembly
- TwentyTwenty® Plus facepiece, medium, black, medium nose cup, silicone headstrap (252022)

Ordering Information

888888 Survivair Cougar

Stock configuration includes: Survivair® Cougar, 2216 psig, without alarm, without cylinder, TwentyTwenty medium facepiece (252022). Bell alarm (22NB). 2216 psig, 30-minute aluminum cylinder, without locking collar (915141).

Survivair Puma

The Survivair Puma is the first NIOSH-certified, OSHA-compliant, hooded pressure demand SCBA designed for users with street glasses or facial configurations that are hard to fit with a conventional facepiece.

- The Survivair Puma is a Survivair Cougar with a tight-fitting hood with a neoprene neck seal and is rated for entry into IDLH environments
- No need for spectacles kits–the user can wear normal street glasses (although sports straps on the temples are useful to keep the glasses in place while donning)
- Hood is made from Challenge NXT barrier fabric (fluoropolymer films laminated to aramid substrates) for excellent permeation resistance; lens is made from 10 mil FEP Teflon
- Flexible neoprene neck seal provides excellent protection against contaminants in IDLH atmospheres
- Factory-installed silicone nose cup; available in 3 sizes; reduces fogging and CO_2 buildup in hood

Ordering Information

777777 Survivair Puma

Stock configuration includes: Survivair Cougar,/Puma, 2216 psig, without alarm, without cylinder, without facepiece (P964323). Plain whistle alarm (22PW). 2216 psig, 30-minute aluminum cylinder, without locking collar (915141). Survivair Puma hood with medium nose cup (968006).

Fit Testing

Fit testing has been mandated in the United States since the 1970's when OSHA implemented its general industry respiratory protection standard, 29 CFR 1910.134. Since, OSHA revised 29 CFR 1910.134, which now contains four qualitative fit test protocols and three quantitative fit test protocols.

Fit testing determines which particular model and size respirator a worker needs so there is minimal seal leakage.

Qualitative (QLFT) v.s. Quantitative Fit Testing (QNFT)

There are two fit testing methods: qualitative fit testing and quantitative fit testing. Qualitative fit testing is acceptable for most airborne hazards and quantitative fit testing is required when negative pressure full facepiece respirators are used for airborne contaminant concentrations greater than 10 times but not more than 50 times the PEL. OSHA considers both methods to be equally effective when properly conducted for negative pressure respirators in concentrations up to 10 times the PEL and all positive pressure respirators.

Survivair Quantitative Fit Test Kit Adapters

• For use with Porta Count fit test machines

Ordering Information

420025 S-Series Adapter
14900756 T-Series Adapter

S-Series

T-Series

Survivair Qualitative Fit Test Kits

194064 Fit Test Cards, Replacement (20/pkg)

Survivair Irritant Smoke Fit Test Kit

• Simple and accurate method of fit testing
• Available with either a low flow pump or a squeeze bulb
• Each kit includes 6 smoke tubes that provide testing of approximately 25 wearers per tube
• Respirator must be equipped with P100 filters

Ordering Information

140090 Irritant Smoke Fit Test Kit
140038 Replacement Tubes, Irritant Smoke – 6/Box

Survivair Isoamyl Acetate (IAA) Fit Test Kit

• Handles up to 50 tests with 2 replacement vials of IAA and a test enclosure
• Respirator must be equipped with organic vapor cartridges

Ordering Information

194040 Deluxe Fit Test Kit, IAA
193140 Isoamyl Acetate (IAA) Fit Test Kit
Z193138 Isoamyl Acetate (IAA) Replacement Fit Test Solution

Survivair Bitrex Fit Test Kits

• Extremely bitter solution (Denatonium Benzoate) that will be easily detected by the test subject
• Respirator must be equipped with minimum N95 filters

Ordering Information

193170 Bitrex Fit Test Kit
193171 Bitrex Fit Test Solution
193172 Bitrex Fit Test Sensitivity Solution

Survivair Saccharin Fit Test Kits

• Eliminates the need for special filters
• Useful for dust/mist respirators

Ordering Information

193120 Saccharin Fit Test Kit
193107 Replacement hood for Saccharin Fit Test Kit

GENERAL ACCESSORIES & TRAINING TOOLS

Online Resources

There are many online resources available for download at www.sperian.com

Half Mask and Full Facepiece Respirator Replacement parts pages/ posters and Donning Instruction pages/posters are available online.

Full size replacement parts posters and cartridge selection posters and donning posters are also available through your Sperian Respiratory representative

General Accessories

Ordering Information

200101   Sperian Respiratory Tote Bag
940118   Half-Mask and Full Facepiece Zipper Storage Bag (13 x 15")
B140096 Mask cleaning wipes – 100 individually wrapped/box
140082   Mask cleaning wipes – 220/canister
981803   Anti-Fog wipes – 100/box
981808   Anti-Fog wipes, dry – 100/box

Training Videos

The Sperian Fit Test/Use & Maintenance video provides a comprehensive, how-to look at peforming qualitative and quantitative fit testing and proper use and maintenance of Sperian® Air Purifying respirators.

Ordering Information

260081   DVD, Fit Testing & Use and Maintenance (English/Spanish) Video

Visit the download section to view and save this complete Respiratory Guide, individual product data sheets, whitepapers and more.

OSHA MedCert

Sperian has partnered with OSHA MedCert to offer a fully web-based online respirator medical evaluation and tracking system that is easy to use, reliable and cost effective.

Through this site www.sperian.com/oshamedcert, users have the opportunity to receive medical certification in 5 to 10 minutes. Sperian's on-line medical evaluation program provides certification for employees who are required to use filtering facepiece respirators (dust masks), half mask, or full facepiece respirators. Most users qualify by simply completing the online evaluation. Those who do not qualify on the first attempt may still qualify after a follow-up on-line Q&A session with a board certified physician. The follow-up questions are evaluated by the on-line medical staff and a response will be provided within 24-hours.

Speed
- With a PC connected to the internet (home or office) and 10-15 minutes, a respirator user is able to complete the requirements to obtain OSHA medical compliance through OSHA MedCert.
- Employees and employers receive instant notification of the results and can print a certification, with a physician's signature, upon passing.

Convenience
- With the Sperian OSHA MedCert program, most employees no longer need to leave the facility to visit a physician.
- OSHA MedCert provides respirator medical evaluations for all brands and types of respirators.

Cost Savings
- The Sperian OSHA MedCert program offers a tremendous savings when compared to a medical evaluation at a physician's office.
- Over the course of a year, the OSHA MedCert program can save a small business over $2,500 and large businesses over $17,000 or more!*
- An estimated average savings of $170 per person, per year!

Scalable
- Whether you have 1 or 10,000 employees, OSHA MedCert will work for you and can grow with your company.
- With internet connectivity, employees are able to complete the OSHA MedCert evaluation nationwide.

Manageable
- Managers can purchase and use OSHA MedCert access codes for immediate needs and file excess access codes for future needs, such as new hires.
- Respiratory managers have the ability to log and track employees' progress online.

Reliable
- Board certified physicians review evaluations and issue clearance certificates and, when needed, make a recommendation for further testing by a physician.
- Certified safety professionals provide expert oversight.
- All employees are evaluated using the same, non-biased, OSHA respirator medical evaluation questionnaire.

*Cost savings case study calculates OSHA MedCert at $29.99 and a physician's office visit at $200. Each small business was assumed to have 15 respiratory users and each large business was assumed to have 100 respiratory users.

How does OSHA MedCert work?

- Respiratory program managers purchase OSHA MedCert access codes through your local Sperian distributor.
- Once the distributor provides the access codes, you provide the codes to your employees and they do the rest.
- Each employee will log onto www.sperian.com/OSHAMedCert
- The employee is greeted by a "Welcome" that provides basic information about the process. The employee will then click on the link to start.
- Each employee self-registers into the system and completes OSHA required fields.
- Upon successful completion of the medical evaluation, employees are congratulated and given an opportunity to print their certificate.
- The entire process takes less than 15 minutes!

How can a respiratory manager track employees' progress on OSHA MedCert

- The manager of the respiratory program has the ability to log in to the administrative side of the system directly from a link at www.sperian.com. From here, the manager can track activity and run reports on the status of each employee's medical evaluations.
- From the "Tools" screen on OSHA MedCert, manager can check the status of employee evaluations.
- A unique customer code and password gives the manager access to employee activities and status of medical evaluations.

Respiratory Protection Standards

The use of respirators in the workplace is regulated by OSHA Respiratory Protection Standard, 29 CFR 1910.134. This standard requires an appropriate respirator program be established, which includes: a written program, employee training, respirator fit testing, medical monitoring, program documentation and maintenance.

Respiratory Training Program

Sperian offers a complete respirator training program to assist your facility in achieving compliance with OSHA regulations. Materials include:

- OSHA MedCert online medical evaluations.
- Respirator fit test program and materials.
- Respirator use, maintenance program and materials.
- Various respirator fit test kits.

Ordering Information

230096   OSHA MedCert Online Medical Evaluation

SPERIAN Respiratory Protection USA, LLC
3001 South Susan Street
Santa Ana, CA 92704 USA
Customer Care 800.821.7236
www.sperian.com

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WARNING: This document provides only an overview of the respiratory products shown. It does not provide important product warnings and instructions. Sperian recommends all users of respiratory equipment undergo thorough training and that all warnings and instructions provided with the products be thoroughly read and understood prior to use. Failure to read and follow all product warnings and instructions may result in serious personal injury, illness or death.

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