



>>> RESPIRATORY PROTECTION



**PRODUCT GUIDE**  
**DISPOSABLE RESPIRATORS**

 **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.Survivair.com](http://www.Survivair.com).

**Sperian – Protection you can trust**

# 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 Efficiency	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 Efficiency	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 Efficiency	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 Efficiency	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 N95		Boomerang Nose Seal N95   P95		Surgical N95 N95	Adjustable Straps & Full Face Seal P95   N99   P100		
<b>Non-Valved</b>									
Molded Cup	<b>NBW95</b> 		<b>N1105</b> 	<b>N1115</b> 	<b>P1115</b> 	<b>HC - NB095</b> 			
Flat Fold		<b>W1400</b> 		<b>N9510F (nose seal)</b> 		<b>HC - NB295F</b> 			
<b>Valved</b>									
Molded Cup	<b>NBW95V</b> 			<b>N1125</b> 			<b>P1135</b> 	<b>N1139</b> 	<b>P1130</b> 
Flat Fold				<b>N9520F (nose seal)</b> 					
<b>OV Nuisance</b> Molded Cup				<b>N1125 - OV</b> 			<b>P1135 - 1</b> 		
<b>AG Nuisance</b> Molded Cup				<b>N1125 - AG</b> 					



DISPOSABLE  
RESPIRATORS

REUSABLE  
RESPIRATORS

CARTRIDGES AND  
FILTERS

WELDING  
SOLUTIONS

ESCAPE  
SOLUTIONS

PAPR

SAR

SCBA

FIT TEST KITS &  
ADAPTERS

ACCESSORIES

# Disposable Filtering Facepiece Respirator Typical Use Guide

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



# 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



### 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: **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

#### 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

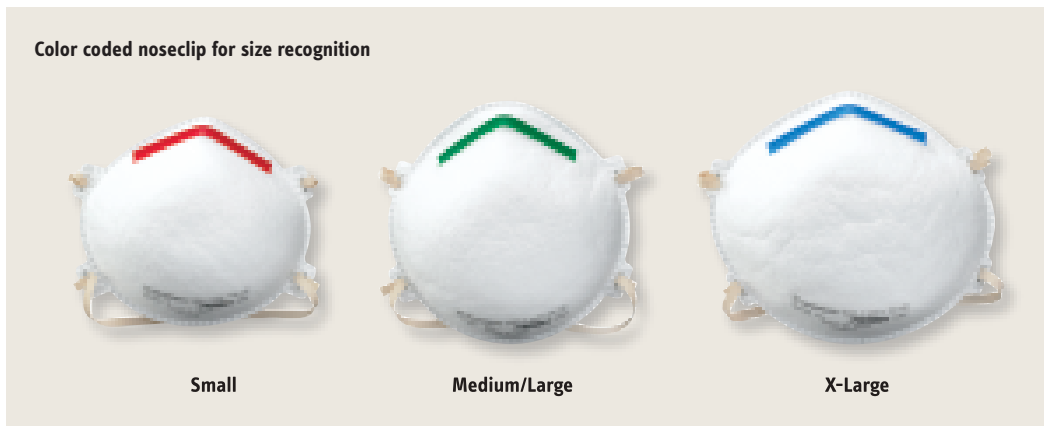
#### Ordering Information

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



DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

CARTRIDGES AND FILTERS

WELDING SOLUTIONS

ESCAPE SOLUTIONS

PAPR

SAR

SCBA

FIT TEST KITS & ADAPTERS

ACCESSORIES



# 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

#### 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



### 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

#### 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



### 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: 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



DISPOSABLE  
RESPIRATORS

REUSABLE  
RESPIRATORS

CARTRIDGES AND  
FILTERS

WELDING  
SOLUTIONS

ESCAPE  
SOLUTIONS

PAPER

SAR

SCBA

FIT TEST KITS &  
ADAPTERS

ACCESSORIES

### 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

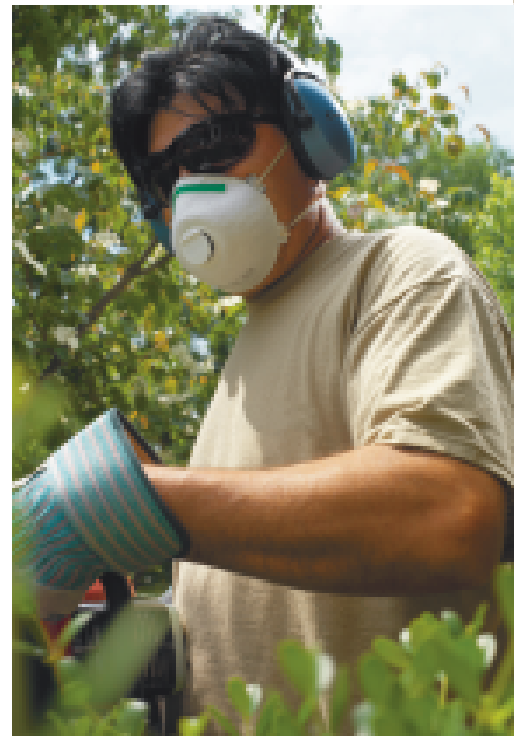
#### Ordering Information

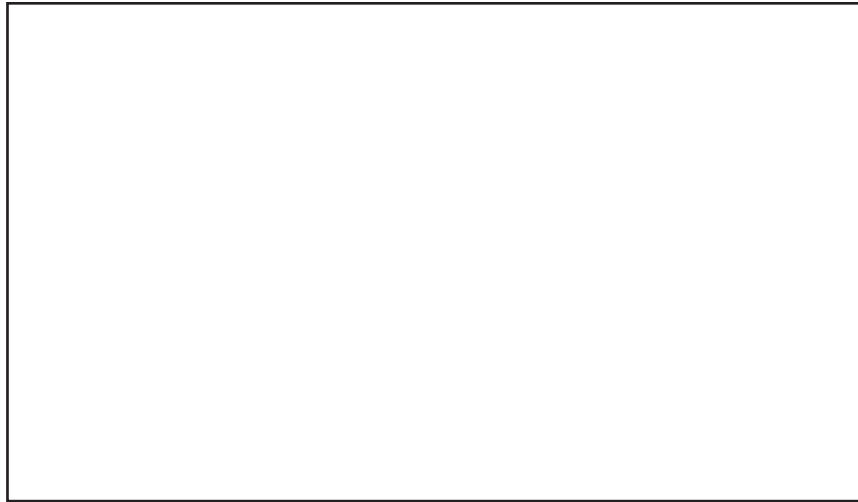
SIZE: Small ●  
 PACKAGING: 1 mask per bag  
 STYLE NO: **P1130 S**  
 ITEM NO: 14110439

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





**SPERIAN Respiratory Protection USA, LLC**  
3001 South Susan Street  
Santa Ana, CA 92704 USA  
Customer Care 800.821.7236  
[www.survivair.com](http://www.survivair.com)



**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.

©Sperian 2009