

# Respiratory Protection





**DSI SAFETY INC. KNOWN AS DYNAMIC SAFETY INTERNATIONAL IS A CANADIAN OWNED AND OPERATED COMPANY.**

Dynamic Safety International is well known with its Dynamic brand of products, and is growing fast due to Dynamic's team of employees and to our multitude of innovative products such as head protection, safety eyewear, face protection, hearing protection and respiratory protection including fall protection, Hi-Viz traffic and First Aid products.

Dynamic products are proudly made to meet all the safety regulations and/or standards required in Canada, United States, Europe and Latin America. These safety products must be certified by multiple certification bodies such as CSA, ANSI, CE, NIOSH and when permitted, we are proud to apply their logo on all our products applicable to these countries, proving the high quality these have to meet and you can trust using them.



Our great team of Product Managers have over 100 years of experience and expertise in their respective areas. Whether it's for your respiratory, fall protection, Head, Eye, Hearing and Hi-Viz products, with their knowledge and in conjunction with our Specialist, they will be able to support you during your training, risk assessment surveys in the workplace in addition to helping your safety committee select the proper safety equipment.

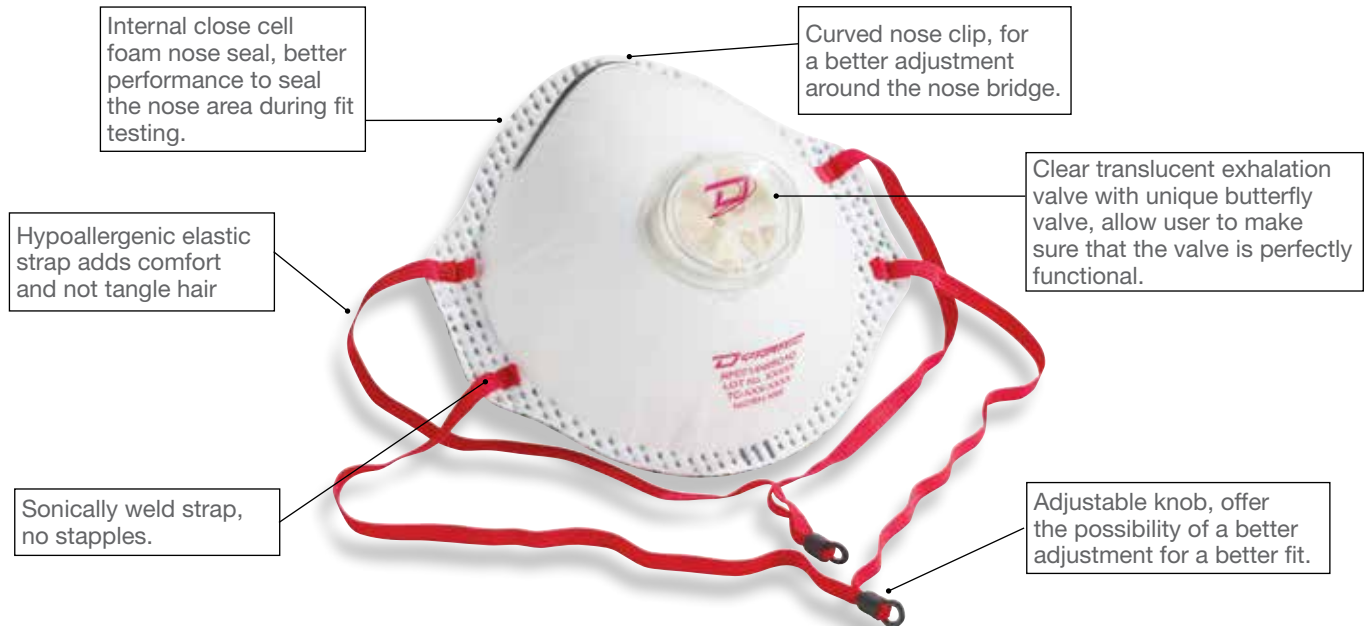
Our goal and objective at Dynamic Safety International is to design and produce the best PPE of the market and make sure that all employees arrive home everyday healthy and safe.



## BREATHE WITH COMFORT AND FIT

With our NEW line of disposables respirators!

Dynamic Safety has developed a new line of disposable respirators designed to be comfortable and fit you as well.



A full line of disposable respirators are now available at Dynamic Safety, from N95 value offering to P100 including nuisance level N95 and P95, without forgetting the flat fold individually wrapped version N95.

**RPD513N95 / RPD514N95** – Best Value respirator N95, short duration use (with or without exhale valve)

**RPD713N95 / RPD714N95** – High Quality respirator N95 (with or without exhale valve)

**RPD714N95OAO** – High Quality respirator with nuisance level OV-AG-Ozone N95 (FR outer layer material)

**RPD614P95** – Best value respirator P95 with exhale valve

**RPD723N95 / RPD724N95** – High Quality respirator N95 flat fold design individually wrapped (with or without exhale valve)

**RPD814P95** – High Quality respirator P95 with exhale valve

**RPD814P95OA** – High Quality respirator P95 with nuisance level against OV-AG-Ozone (with exhale valve)

**RPD914P100** – High Quality respirator P100 (with exhale valve)

APPLICATION	RPD513N95 RPD514N95 RPD713N95	RPD714N95	RPD714N95OAO	RPD723N95	RPD724N95	RPD614P95	RPD814P95	RPD814P95OA	RPD914P100
Sweeping, sanding, grinding, sawing, bagging	●	●		●	●	●			
Sweeping, sanding, machining and other works with dusty/oily operations						●	●		●
Foundry, labs, agriculture, petrochemical, undercoating.			●					●	
Welding, metal cutting/pouring, grinding, sanding, other dusty/hot operations		●	●		●	●			
Welding, metal cutting/pouring, grinding, sanding, exotic steel welding.			●					●	
Highly toxic dust (such as silica, beryllium, etc) and pharmaceutical manufacturing.									●

## Comfort Mask

### NUISANCE LEVEL MASK (NOT NIOSH APPROVED)

The RP1000 Comfort Mask provides relief from nuisance levels of dusts. It is not for use where concentrations are at or above the Permissible Exposure Limit (PEL).



RP1000



PART #	DESCRIPTION	PACKAGING
RP1000	COMFORT MASK	50 PER BOX

## Economy N95 Disposable Respirator

### NIOSH APPROVED N95 RESPIRATOR

The RPD513N95 provides basic protection from dust, mists and fumes without breaking your budget. Ideal for occasional use or light duty applications. NIOSH approved N95 for use in non-oil environments.



RPD513N95



RPD514N95

#### FEATURES & BENEFITS

- Open cell foam nose pad that creates a cushion between the nose and the mask for increased comfort
- Nose clip that helps form the mask to the shape of the user's nose for more secure seal

- Latex Free and no common allergens for worry free for you and your workers
- Available with exhalation valve RPD514N95

PART #	DESCRIPTION	PACKAGING
RPD513N95	N95 ECONOMY DISPOSABLE RESPIRATOR	20 PER BOX
RPD514N95	SAME AS RPD513N95 COMES WITH EXHALE VALVE	10 PER BOX



# Standard N95 Disposable Respirators

## NIOSH APPROVED N95 RESPIRATOR

The RPD713N95 and RPD714N95 disposable respirators are the disposable workhorse you have been looking for. Ideal when workers must wear masks for extended periods. Available with or without an exhalation valve. NIOSH approved N95 for use in non-oil environments.

### FEATURES & BENEFITS

- Closed cell foam nose cushion and smoother surface that provide more comfort and more secure seal
- Large sealing surface for a better fit for more facial type
- Curved nose clip that follows the contours of the user's nose for superior seal at the nose bridge and reduces fogging of eyewear
- Latex Free and no common allergens for worry free for you and your workers
- Exhalation valve on RPD714N95 that increased comfort and worker productivity
- Translucide unique butterfly valve on RPD714N95, shows the functionality of the valve and increases comfort and worker productivity
- Comes with adjustable knob on strap, offering the possibility to adjust the respirator to get better comfort & fit
- Also available with nuisance level for Organic Vapor, Acid Gas and Ozone on version RPD714N950AO, where certain vapors or gases are present below the PEL's, ideal for welders

PART #	DESCRIPTION	PACKAGING
RPD713N95	N95 DISPOSABLE RESPIRATOR WITHOUT VALVE	20 PER BOX
RPD714N95	N95 DISPOSABLE RESPIRATOR WITH VALVE	10 PER BOX
RPD714N950AO	N95 DISPOSABLE RESPIRATOR WITH BUTTERFLY VALVE, NUISANCE LEVEL FOR OV-AG-OZONE AND FR MATERIAL	10 PER BOX

# Flatfold N95 Disposable Respirators

## NIOSH APPROVED N95 RESPIRATOR

Portability is the key. This flatfold style respirator can fit in your pocket; stuff a stack in your duffle bag or on the top of your hard hat – always at the ready for when you need a dusk mask now. They are individually wrapped to protect the respirator before use. NIOSH approved N95 for use in non-oil environments.

### FEATURES & BENEFITS

- Flatfold design and compact when not in use, can be kept in worker's pockets for future use and Increases worker productivity
- Individually wrapped keeps the mask clean until ready to use and provide better hygiene
- Latex Free and no common allergens for worry free for you and your workers
- Nose Clip incorporated into mask that improves fit around the bridge of the nose for a more secure seal
- Available with exhale valve RPD724N95

PART #	DESCRIPTION	PACKAGING
RPD723N95	N95 FLATFOLD DISPOSABLE RESPIRATOR	20 PER BOX
RPD724N95	N95 FLATFOLD DISPOSABLE RESPIRATOR WITH EXHALE BUTTERFLY VALVE	10 PER BOX
RPD725N95	N95 VERTICAL FLATFOLD DISPOSABLE RESPIRATOR WITH ADJUSTABLE STRAP	50 PER BOX



RPD713N95



RPD714N95



RPD723N95



RPD724N95



RPD725N95

## Standard P95 Disposable Respirators

### NIOSH APPROVED P95 RESPIRATOR FOR OIL BASED AEROSOLS

When you are faced with a dirty job you need a dust mask that will measure up. The RPD614P95 and RPD814P95 are here to meet the challenge. NIOSH approved P95 for use in environments that contain oil based aerosols.

#### FEATURES & BENEFITS

- Closed cell foam facepiece seal for maximum fit and comfort
- Wide sealing area around entire mask to improved fit for more facial types
- Sealing area notched at nose for a better fit at the nose bridge for more facial types and then provide a comfortable fit for the workers and a more secure seal
- Exhalation valve that directs exhaled breath downward, limits build up of warm, moist

exhaled breath & lessens carbon dioxide build-up

- Latex Free and no common allergens for worry free for you and your workers
- P95 protection and can be used in atmospheres that may contain oil and provide flexibility to use in more types of particulate environments
- Comes with adjustable strap with knob, offering a better comfort & fit
- Also available with OV-AG-Ozone nuisance level, adjustable strap.

RPD814P95

RPD614P95

RPD814P950A

PART #	DESCRIPTION	PACKAGING
RPD814P95	P95 DISPOSABLE RESPIRATOR WITH VALVE	10 PER BOX
RPD614P95	P95 DISPOSABLE RESPIRATOR WITH VALVE AND FR OUTER LAYER MATERIAL	10 PER BOX
RPD814P950A	P95 DISPOSABLE RESPIRATOR NUISANCE LEVEL OV-AG-OZONE WITH BUTTERFLY VALVE	5 PER BOX

## Voluntary Use of Disposable Respirators

### United States

Use of disposable respirators by workers does not exempt an Employer from establishing a Respiratory Protection Program. Even if disposable respirators are permitted as a "Voluntary" option for workers, the Employer must first determine that any potential contaminant concentrations are below OSHA's Permissible Exposure Limit (PEL), and the Employer must also provide Employees wearing respirators with a copy of Appendix D from the OSHA Standard on Respiratory Protection §29 CFR1910.134.

### Canada

Even when a respirator is used below the Permissible Exposure Limit (PEL), a full respiratory Protection Program is required including fit testing.

## Filter Efficiencies

The National Institute of Occupational Safety and Health (NIOSH) classifies filters in two ways, type and efficiency. Using these classifications there are nine possible filter groups. The most commonly used are N95 as the most economical. The classifications are defined on the right.

### Type

- N** Not for use in atmospheres that contain oil based aerosols.
- R** Restricted to eight hours of service life if used in atmospheres that contain oil based aerosols.
- P** Oil Proof. May be used without restrictions in atmospheres that contain oil based aerosols.

### Efficiency

- 95** 95% minimum filter efficiency in removing particulates.
- 99** 99% minimum filter efficiency in removing particulates.
- 100** 99.97% minimum filter efficiency in removing particulates.

# Deluxe P100 Disposable Respirators

**NIOSH APPROVED P100 RESPIRATOR FOR OIL BASED AEROSOLS**

*The P100 respirator with its unique design, offers a great performance against all particulates that require a P100 level of protection. The RPD914P100 is NIOSH approved P100 for use in environments that contain oil based aerosols.*

## FEATURES & BENEFITS

- Full 360 degree closed cell foam seal for a maximum fit and comfort
- This wide sealing area around entire respirator improved the performance of fit and comfort
- Sealing area notched at nose for a better fit at the nose bridge for more facial types and then provide a comfortable fit for the workers and a more secure seal
- Unique Butterfly exhalation valve that directs exhaled breath downward, limits build up of warm, moist exhaled breath & lessens carbon dioxide build up
- Adjustable Straps so workers can adjust for the best fit and comfort
- Latex Free and no common allergens for worry free for you and your workers
- P100 protection and can be used in atmospheres that may contain oil and provide flexibility to use in more types of particulate environments
- Mesh magenta color notifies Safety Officer that the worker is wearing the proper respirator, magenta being the NIOSH color code for P100
- This respirator comes wrapped individually

PART #	DESCRIPTION	PACKAGING
RPD914P100	P100 DISPOSABLE RESPIRATOR WITH VALVE	5 PER BOX



**RPD914P100**

# Bitrex Fit Test Kit

# PRODUIT	DESCRIPTION
RPFITBITREX	BITREX FIT TEST KIT, COMPLETE WITH NEBULIZERS, TEST AND SENSITIVITY SOLUTIONS, HOOD.
RPBTXSEN	REPLACEMENT BTIREX SENSITIVITY SOLUTION, 6 TUBE/BX.
RPBTXSOL	REPLACEMENT BITREX TEST SOLUTION, 6 TUBE/BX.
RPHOOD	REPLACEMENT HOOD FOR BITREX FIT TEST KIT
RPNEBUL	REPLACEMENT NEBULIZER FOR BITREX FIT TEST KIT (1)

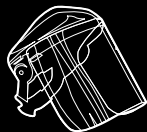


**RPFITBITREX**

## SEE OUR OTHER SAFETY PRODUCTS



**Head Protection**



**Eye and Face Protection**



**Hearing Protection**



**Respiratory Protection**



**Fall Protection**



**First Aid Products**



**Traffic and High Visibility Products**



**Welding Face Shield**



**Product Identification**



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