



Respiratory Protection





***DSI SAFETY INC KNOWN AS DYNAMIC SAFETY INTERNATIONAL
IS A CANADIAN OWNED AND OPERATED COMPANY
THAT PRODUCES AND OFFERS (8) PRODUCTS LINES OF PERSONEL
PROTECTIVE EQUIPMENT (PPE)***

CANADIAN

A totally Canadian company owned and managed by Canadians with three (3) manufacturing facilities employing over 75 people, who design and manufacture Personnel Protective Equipment (PPE) in Canada for Canadian workers.

CERTIFICATION

All of the Respiratory Products sold by DYNAMIC are approved and certified by NIOSH the only recognized certifying body for respiratory products in North America. This certification guaranties Canadian workers that the respiratory products sold by DYNAMIC offer adequate protection.

PRODUCT OFFERING

For the time being DYNAMIC offers Canadian workers a diversified choice of Disposable Respirators able to answer most of their needs. Our offering includes

7 different variations of masks with NIOSH N95 and P95 approvals. These masks could be used in a great variety of applications.

This is only the beginning and includes only a very small part of the offering we will be proposing to offer you in the future. We are presently developing a half-mask as well as full-face mask including a full line of air purifying cartridges plus accessories.

HISTORY OF THESE RESPIRATORY PRODUCTS

Many years of effort have been invested in the development of this product line by two (2) of the best Canadian experts in the respiratory field when they were working for our ex company. Their objectives where to produce a product of quality that would offer the market a highly comfortable product, more efficient than what the market was offering with a fit equal to none.

We believe that these objectives where achieved, our ex company has decided to replace this product line with another product line that we believe is of inferior quality. We have then decided to recuperate the Canadian development in order to offer it to our clientele. We can assure you that you will not find a more comfortable and better fitting product than DYNAMIC disposable respirators.

APPLICATION	RP1000	RP513N95	RP713N95	RP714N95	RP814P95	RP815P95	RP723N95
For dust only - Not NIOSH approved	●						
Light Duty – non-oil particulates Sanding, Sweeping, Bagging,		●	●	●	●	●	●
Medium Duty – non-oil particulates Grinding, Machining, Construction			●	●	●	●	●
Heavy Duty – non-oil particulates Hot environments, Heavy Construction				●	●	●	
All particulates, including oil based aerosols					●	●	
All Particulates + Nuisance Level Odors (below PEL)							
Welding Alloy, Exotic steel (stainless & galvanized)						●	
Aluminum Smelting, Foundries, Petrochemical Processing, Metal Pouring						●	
Mineral Processing, Coal, Iron Ore						●	

THIS IS A GENERAL GUIDE AND DOES NOT REPLACE A COMPLETE SITE ASSESSMENT TO DETERMINE THE APPROPRIATE RESPIRATORY PROTECTION.

Resistance to Degradation	Filter Efficiency Levels		
	95%	99%	100% (99.97%)
N Non-Oil: Solid particulates and non-oil aerosols that do not degrade filter performance	N95	N99	N100
R Oil-Resistant: Solid particulates and degrading oil based aerosols. 8 hour use limitation	R95	R99	R100
P Oil-Proof: Solid particulates and oil based aerosols. No use limitations	P95	P99	P100

Part No.	Classification	Description	Packaging
RP1000	None	Comfort mask Not NIOSH approved	50/BX
RP513N95	N95	Economy Respirator for non-oil particulates	20/BX
RP713N95	N95	Respirator for non-oil particulates	20/BX
RP714N95	N95	Respirator for non-oil particulates w/ exh. valve	10/BX
RP814P95	P95	Deluxe Respirator for all particulates, w/ exh. valve	10/BX
RP815P95	P95 + odor relief	Deluxe Respirator for all particulates w/ exh. valve & adj. straps	5/BX
RP723N95	N95	FlatFold Respirator for non-oil particulates	20/BX

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 RP513N95 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.



RP513N95

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

PART #	DESCRIPTION	PACKAGING
RP513N95	N95 ECONOMY DISPOSABLE RESPIRATOR	30 PER BOX



Standard N95 Disposable Respirators

NIOSH APPROVED N95 RESPIRATOR

The RP713N95 and RP714N95 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 RP714N95 that increased comfort and worker productivity.

PART #	DESCRIPTION	PACKAGING
RP713N95	N95 DISPOSABLE RESPIRATOR WITHOUT VALVE	20 PER BOX
RP714N95	N95 DISPOSABLE RESPIRATOR WITH VALVE	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 dust 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



PART #	DESCRIPTION	PACKAGING
RP723N95	N95 FLATFOLD DISPOSABLE RESPIRATOR	20 PER BOX

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 RP814P95 is 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



PART #	DESCRIPTION	PACKAGING
RP814P95	P95 DISPOSABLE RESPIRATOR WITH VALVE	10 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.

Deluxe P95 Disposable Respirators

NIOSH APPROVED P95 RESPIRATOR FOR OIL BASED AEROSOLS

This mask deliver when you require the most from your disposable respirator. The RP815P95 also provides odor relief from nuisance levels of organic vapors, acid gases and ozone. 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
- 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
- P95 protection and can be used in atmospheres that may contain oil and provide flexibility to use in more types of particulate environments
- Odor relief from organic vapors, acid gases and ozone so workers are not bothered by annoying odors that can irritate the throat

PART #	DESCRIPTION	PACKAGING
RP815P95	P95 DISPOSABLE RESPIRATOR WITH VALVE, PLUS ODOR RELIEF FROM NUISANCE LEVEL OV, AG AND OZONE.	5 PER BOX

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.

SEE OUR OTHER SAFETY PRODUCTS



Head Protection



Eye and Face Protection



Hearing Protection



Respiratory Protection



Fall Protection



Safety Footwear



Traffic and High Visibility Products



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