



7130N95



8140P95



8150P100

NORTH FILTERING FACEPIECE RESPIRATORS

Product Description

North Filtering Facepieces are disposable respirators that provide protection from particulates. Each respirator consists of a filter media, two straps, a nose clip and a foam nose pad. Depending on the design some also have an exhalation valve, foam on the entire sealing surface and/or a layer of carbon to provide odor relief from nuisance levels of gases and vapors. Respirator classifications range from N95 to P100.

Part No	Type	Foam Pad	Nose Clip	Head Straps	Exh. Valve	Odor relief
5130N95	N95	Open Cell	Straight Style	Yellow Elastic	No	No
7130N95	N95	Closed Cell	Curved Style	Blue Elastic	No	No
7130N95S	N95	Closed Cell	Curved Style	Blue Elastic	No	No
7140N95	N95	Closed Cell	Curved Style	Blue Elastic	Yes	No
7140N95S	N95	Closed Cell	Curved Style	Blue Elastic	Yes	No
8140P95	P95	Closed Cell Full Seal Area	Curved Style	Blue Elastic	Yes	No
8145P95	P95	Closed Cell Full Seal Area	Curved Style	Adjustable Braided Elastic	Yes	Yes OV, AG, OZ
8150P100	P100	Closed Cell Full Seal Area	Curved Style	Adjustable Braided Elastic	Yes	No

Certification

North Filtering Facepieces are NIOSH approved to provide protection from particulates including dusts, mists and fumes.

5130N95	TC-84A-3233
7130N95	TC-84A-3723
7130N95S	TC-84A-4240
7140N95	TC-84A-3722
7140N95S	TC-84A-4251
8140P95	TC-84A-3484
8145P95	TC-84A-4234
8150P100	TC-84A-4122

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WARNINGS

These filters are for protection from particulates only and should **not** be used in atmospheres where gas and/or vapor contaminant concentrations are above the OSHA Permissible Exposure Limit (PEL) or applicable government occupational exposure limits, whichever is lower. Use of these filters at or above the PEL will expose user to hazardous quantities of the gas and/or vapor air contaminants, which can result in serious injury, illness or death.

Do **not** expose the filters to open flames, sparks, sharp objects or anything that could result in damage to the filter. Use a welding helmet or faceshield to ensure that filters are protected.

NIOSH has **not** evaluated the 8145P95 filter for its absorption properties for gases or vapors.

Replace any filter when breathing becomes difficult or if filter becomes damaged.

Failure to follow these warnings and all printed instructions and warnings supplied with the original respirator and filter could result in unnecessary exposure to contaminants and could result in sickness, serious injury or death.

OSHA Standards

The Occupational Safety and Health Administration (OSHA) forbids the use of disposable respirators such as North's filtering facepieces for protection from asbestos.

Other contaminant specific OSHA Regulations reference the use of High Efficiency Particulate Air-Purifying (HEPA) filters. Except in reference to Power Air-Purifying filters, NIOSH no longer uses HEPA as a classification. P100 type filters should be used where an OSHA Regulation specifies the use of HEPA filters.

NIOSH Classifications

The National Institute of Occupational Safety and Health (NIOSH) classifies filters by the filter's efficiency, and whether or not the filter media will degrade when exposed to oil based aerosols. Using NIOSH's three efficiency levels and three filter types, there are a total of nine possible filter classifications. Sodium chloride (NaCl) is used to test N Type filters, and a dioctyl phthalate aerosol (DOP) is used to test R and P Type filters. The particle size of these test agents is approximately 0.3 microns. While filters are tested to this size, all particle filters will also filter out both larger and smaller particle sizes.

Filter Types

N	Non-Oil, degrades quickly	May only be used in non-oil environments
R	Oil Resistant, degrades over time	Restricted to 8 hours of use if oil based aerosols are present
P	Oil Proof, does not degrade	May be used if oil is present, without time restrictions

Efficiency Levels

95	Filters out a minimum of 95% of particles
99	Filters out a minimum of 99% of particles
100	Filters out a minimum of 99.97% of particles

NIOSH Filter Classifications

	95% Efficient	99% Efficient	99.97% Efficient
N – Non-oil	N95	N99	N100
R – Resistant to oil	R95	R99	R100
P – Oil proof	P95	P99	P100

Assigned Protection Factor

The OSHA Assigned Protection Factor (APF) for all half masks is 10.
Filtering Facepieces are considered half masks, with an APF of 10.

Material Composition

North Filtering Facepiece respirators are latex free.

5130N95

Filtration Media	Polypropylene composite
Head Straps	Silicone based polymer (latex free), yellow
Nose Clip	Aluminum
Nose Pad	Open cell foam



5130N95, front & back

7130N95 & 7130N95S; 7140N95 & 7140N95S

Filtration Media	Polypropylene composite
Outer Scrim	Polypropylene, white
Filter Body	Polyester
Head Straps	Silicone based polymer (latex free), blue
Nose Clip	Aluminum
Nose Pad	Closed cell vinyl foam
7140N95 & 7140N95S only	
Exhalation valve	Silicone polymer
Exhalation valve cover and seat	Acrylonitrile butadiene styrene (ABS), white



7140N95, front & back

8140P95

Filtration Media	Polypropylene composite
Outer Scrim	High loft polyester, white
Filter Body	Polyester
Head Straps	Silicone based polymer (latex free), blue
Nose Clip	Aluminum
Nose Pad	Closed cell vinyl foam
Exhalation valve	Silicone polymer
Exhalation valve cover and seat	Acrylonitrile butadiene styrene (ABS), white



8140P95, front and back

8145P95

Filtration Media	Polypropylene composite
Outer Scrim	High loft polyester, gray
Filter Body	Polyester
Layer, Odor Relief	Carbon impregnated filter media
Head Straps	Elastic Band, woven, latex free
Head Straps Clips	Polypropylene, translucent
Nose Clip	Aluminum
Nose Pad	Closed cell vinyl foam
Exhalation valve	Silicone polymer
Exhalation valve cover and seat	Acrylonitrile butadiene styrene (ABS), blue



8145P95, front and back

8150P100

Filtration Media	Polypropylene composite
Outer Scrim	High loft polyester, white
Filter Body	Polyester
Head Straps	Elastic band, woven, latex free
Head Straps Clips	Polypropylene, translucent
Nose Clip	Aluminum
Nose Pad	Closed cell vinyl foam
Exhalation valve	Silicone polymer
Exhalation valve cover and seat	Acrylonitrile butadiene styrene (ABS), magenta

*8150P100, front and back***Weights and Dimensions****Respirator Weights & Inside Dimensions**

		Weight	Length	Height	Depth
5130N95	each	0.32 oz (9 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)
7130N95	each	0.32 oz (9 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)
7130N95S	each	0.32 oz (9 g)	4" (102 mm)	4" (102 mm)	1.75" (44 mm)
7140N95	each	0.48 oz (14 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)
7140N95S	each	0.48 oz (14 g)	4" (102 mm)	4" (102 mm)	1.75" (44 mm)
8140P95	each	0.8 oz (23 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)
8145P95	each	1.44 oz (41 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)
8150P100	each	1.28 oz (36 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)

Box Weights & Dimensions

	Qty per box	Weight	Length	Height	Depth
5130N95	30	0.32 oz (9 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)
7130N95	20	0.32 oz (9 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)
7130N95S	20	0.32 oz (9 g)	4" (102 mm)	4" (102 mm)	1.75" (44 mm)
7140N95	10	0.48 oz (14 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)
7140N95S	10	0.48 oz (14 g)	4" (102 mm)	4" (102 mm)	1.75" (44 mm)
8140P95	10	0.8 oz (23 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)
8145P95	5	1.44 oz (41 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)
8150P100	5	1.28 oz (36 g)	4.5" (114 mm)	4.5" (114 mm)	2" (51 mm)

Shipping Weights & Dimensions

	Bx per Shipper	Weight	Length	Height	Depth
5130N95	10	12.0 lbs (5.4 kg)	24.0" (610 mm)	9.8" (250 mm)	12.3" (313 mm)
7130N95	12	11.0 lbs (4.9 kg)	17.5" (445 mm)	11.8" (300 mm)	17.5" (445 mm)
7130N95S	12	10.7 lbs (4.8 kg)	17.5" (445 mm)	11.8" (300 mm)	17.5" (445 mm)
7140N95	10	8.0 lbs (3.6 kg)	28.5" (724 mm)	12.0" (305 mm)	8.7" (221 mm)
7140N95S	10	8.7 lbs (3.9 kg)	28.5" (724 mm)	12.0" (305 mm)	8.7" (221 mm)
8140P95	10	10.9 lbs (4.9 kg)	25.5" (648 mm)	14.0" (356 mm)	14.0" (356 mm)
8145P95	10	7.0 lbs (3.1 kg)	37.5" (953 mm)	11.5" (292 mm)	7.0" (179 mm)
8150P100	10	7.0 lbs (3.1 kg)	37.5" (953 mm)	11.5" (292 mm)	7.0" (179 mm)



by Honeywell

Technical Data

Ordering Information

Product	Description	Boxes per Case
5130N95	Particulate respirator, N95 for non-oil particulates, open cell foam nose cushion, nose clip. (30/Box)	10
7130N95	Particulate respirator, N95 for non-oil particulates, closed cell foam nose cushion, curved nose clip. (20/Box)	12
7130N95S	Particulate respirator, N95 for non-oil particulates, closed cell foam nose cushion, curved nose clip. Size small. (20/Box)	12
7140N95	Particulate respirator with exhalation valve, N95 for non-oil particulates, closed cell foam nose cushion, curved nose clip. (10/Box)	10
7140N95S	Particulate respirator with exhalation valve, N95 for non-oil particulates, closed cell foam nose cushion, curved nose clip. Size small. (10/Box)	10
8140P95	Particulate respirator with exhalation valve, P95 for all particulates, closed cell foam face seal, curved nose clip. (10/Box)	10
8145P95	Particulate respirator with exhalation valve, P95 for all particulates plus nuisance level odor relief from organic vapors, acid gases and ozone, closed cell foam face seal, curved nose clip, adjustable head straps. (5/Box)	10
8150P100	Particulate respirator with exhalation valve, P100 for all particulates, closed cell foam face seal, curved nose clip, adjustable head straps. (5/Box)	10

Country of Origin

All Filtering Facepieces: China

Warranties: North products are covered by and subject to the terms and conditions of the North Safety Products Limited Warranty that appears in our annual price list. The North Safety Products Limited Warranty is the only written warranty of any force and effect, and all other written warranties are disclaimed in their entirety. In no event shall North Safety Products or any of its authorized dealers be liable for any damages in excess of the purchase price of the relevant product. This limitation applies to damages of any kind, including but not limited to direct or indirect damages or other special, incidental, exemplary or consequential damages, whether arising out of the use or inability to use the product, even if we or any of our authorized dealers has been advised of the possibility of the damages or any claim by any other party. Servicing of any product with parts not approved by us will void the warranty and may result in loss of any certification or approval applicable to the product.