

Product Data



The “5400” series of Full-Face Masks



54001 (shown with 7581P100 filters)



54001W (shown with 7580P100 filters)

Product Description:

The 5400 series is the most comfortable series of full-face masks at an economic price. This series is designed to provide eye, face and respiratory protection. 5400 has a lightweight design which offers a great level of comfort. It is made of very soft Thermoplastic material that offers comfort, fit and performance. This series also has an oral/nasal cup that reduces fogging, and lessens dead-air space, to improve wearer's comfort. The 5400 series is equipped with a hard-coated lens which provides a 200° field of vision. This polycarbonate lens meets ANSI standard for high impact. The 5400 series can be used as an Air-Purifying respirator (with all the North's cartridges and filters), a Powered-Air-Purifying respirator (with the CA102 PAPR assembly) and as an Air-Line respirator (with the CF2007 breathing tube).

Product Number	Description	Pack Quantity	Case Quantity	Case Dimensions	Case Weight
54001	TPE Respirator / Medium-Large size	1	1	29 X 21.5 X 16.5 cm 11.5" X 8.5" X 6.5"	0.9 kg. 21 lbs.
54001S	TPE Respirator / Small size	1	1	29 X 21.5 X 16.5 cm 11.5" X 8.5" X 6.5"	0.8 kg. 1.8 lbs.
54001W	TPE Respirator with Welding Attachment / Medium-Large size	1	1	29 X 21.5 X 16.5 cm 11.5" X 8.5" X 6.5"	1.1 kg. 2.5 lbs.
54001SW	TPE Respirator with Welding Attachment / Small size	1	1	29 X 21.5 X 16.5 cm 11.5" X 8.5" X 6.5"	1.1 kg. 2.5 lbs.

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Product Certification:

The 5400 series of full-face masks are approved by the NIOSH standard with all the different North’s combinations of Cartridges, Filters, PAPR, and Air-Line.

Refer to the NIOSH approval labels for the specific NIOSH combination number.

Consult the NIOSH website: www.cdc.gov/niosh

Fit Testing:

A respirator should not be assigned to a person unless the person is given a respiratory fit test, and the results of the test indicate that the face-piece of the respirator fits properly. If the respirator is used voluntarily, where no respirator hazard exists, then certain elements of a respirator program, such as fit testing, can be omitted. The North’s full-face masks can be fit tested qualitatively by using Bitrex, Saccharin or Irritant Smoke, and quantitatively by using our adaptable kit 770021.

User Seal Checks:

The wearer of a mask can perform a negative pressure seal check, at any time while wearing the respirator, by putting a small pressure with the palm of the hand on the filter on both sides and gently inhaling. The mask should collapse on the face. A positive pressure seal check can also be performed by putting a small pressure with the palm on the exhalation valve in the front and gently exhaling. The mask should blow up a bit.

Product Characteristics:

Face-piece Material:	TPE with Silicone
Lens:	Polycarbonate (Hard-Coated)
Cartridge Connectors:	Polypropylene
Valves Material:	Rubber
Exhalation Valve Seat:	Polyphenylene Oxide
Head Straps:	Neoprene
Welding Shield:	Fire Resistant TPE

(Note: The North’s 5400 full-face masks series contains no latex material)

Country of Origin:

Made in Mexico

Material Declaration:

We declare that the materials and processes used in the manufacturing of this product are not known to cause harmful effect to the wearer. However, it is the users’ responsibility to do the proper tests for the specific application.

Disclaimer:

The data, included in this document, incorporates the best information currently available to North Safety Products; and it is derived from sources believed to be reliable. North makes no warranties to the accuracy of the source material.