

## North® RU8500 Series Half Masks

The RU8500 Series is a silicone half mask compatible with the North N-series of cartridges and filters. The half mask has a speech diaphragm for improved voice clarity and is available in three sizes and three colors. It is also available with either a standard industrial exhalation valve cover or a diverter exhalation valve cover.

**Q What are the differences between the new North RU8500 half mask series and its predecessor, the Sperian Survivair Blue 1™?**

A There are several differences:

- 1) The North RU8500 is a new addition to the family of North half masks that is NIOSH approved with the North N-series cartridges, filters, adaptors and accessories. The Sperian Survivair Blue 1 was approved for use with the S- and T-Series cartridges.
- 2) The North RU8500 comes with an option of either a standard industrial exhalation valve cover or a diverter exhalation valve cover.
- 3) The exhalation valve flap is now the same one used in the North 5500, 7700, 5400 and 7600 Series facepieces, Part Number 770018.



*North RU8500, shown in lilac, royal blue, and light green with standard industrial exhalation valve cover.*

**Q Why is the North RU8500 Series replacing the Survivair Blue 1 half mask?**

A Our customers told us they like the selection of the North and Sperian masks, but want only *one* filter and cartridge platform. Popular Sperian masks, like the Blue 1, are being re-engineered with cartridge connections that are compatible with the North filters and cartridges.

**Q It there a retro-fit kit available to convert my Survivair Blue 1 half masks to the North RU8500?**

A No, Honeywell will not offer a retro-fit kit. Several dimensional changes were made to key components, including the exhalation valve cover. To assure that the mask operates as intended and meets NIOSH Certification, we are only offering the RU8500 as a complete facepiece assembly. Replacement parts are available, and listed in the User Instructions and the Technical Data Sheet.

**Q Will I need to fit test my workers with the new North RU8500 facepiece if they have already been fit tested in the Survivair Blue 1?**

A No, you will not need to fit test your workers again if the same size mask is used. The facepiece-to-face seal is the same. Of course, standard OSHA and CSA fit test schedules still apply.

**Q What are some of the features of the North N-Series filter and cartridge platform?**

A Honeywell redesigned the North cartridge and combination cartridge/filters in 2012. This redesign reduced the height of the combination filter/cartridges by 7% and made it easier for workers with smaller hands to perform user seal checks.

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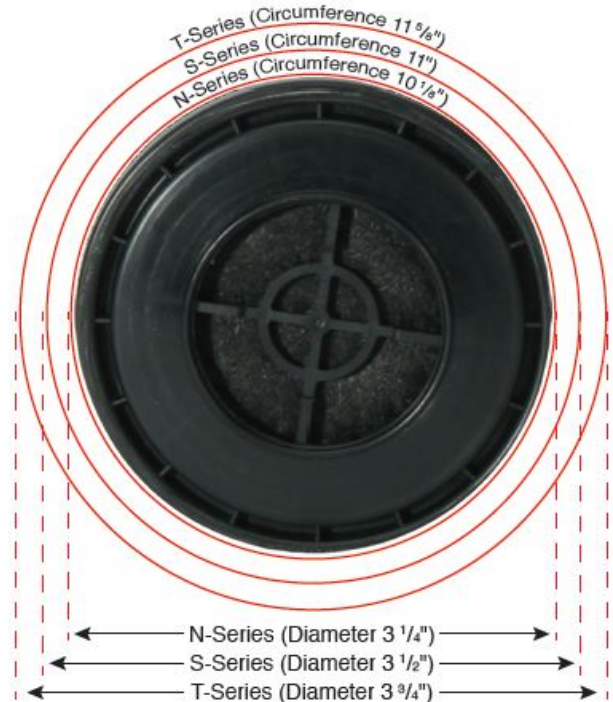
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**Q How does the North N-Series compare to the Survivair S- and T-Series filters, cartridges and filter/cartridge combinations?**

A The illustration to the right shows a size comparison between the three cartridge lines. Weight will also differ depending on the cartridge. With a circumference of 10 1/8", the North N-Series gas and vapor cartridges are approximately:

- 1" (2.54 cm) smaller than the S-Series
- 1.5" (3.81 cm) smaller than the T-Series

The smaller circumference improves workers' field of vision and mobility. Plus, the rounded design of the N-Series combination cartridges eliminates the sharp edge that can catch on pipes and other protrusions in tight workspaces.



**Q What is the difference in the service life of the North N-Series, and the Survivair S- and T-Series gas and vapor cartridges?**

A Service life of cartridges used at each worksite may vary, depending on the contaminants, exposure concentrations and other parameters such as humidity and worker breathing rate. The North esLife® Cartridge Service Life Estimator can be used to assure that you have an accurate cartridge change schedule for the North N-Series cartridges. The estimator can be located on the Respiratory page of the Honeywell website honeywellsafety.com.

**Q Will Honeywell continue to offer the Survivair S- and T-Series cartridges?**

A Yes, Honeywell will continue to support the S- and T-Series cartridges into 2017. This will allow you time to convert your Survivair Blue 1 half masks to the new North RU8500.

**Q Will the North RU8500 half mask be NIOSH certified for use with the North CA200 Series Powered Air-Purifying Respirator (PAPR) and the North CF2000 Series Continuous Flow Supplied Air Respirator (CF-SAR) configurations?**

A Yes. The blue RU8500 masks (RU85001 and RU85004) are currently approved with the CF2000 Series CF-SAR. Honeywell is currently in the process of obtaining NIOSH approval for the RU8500 in combination with the CA200 Series PAPR, all mask colors.

**Q How many North RU8500 versions will be offered?**

A There will be two versions available, each in three (3) sizes (small, medium, large) and three (3) colors (blue, light green, lilac). The two versions include the option of either an industrial "classic" exhalation valve cover or anti-splash diverter exhalation valve cover.

**Q What are the part numbers for the North RU8500 half masks?**

A

Exhalation cover	Blue	Green	Lilac
Industrial, Small	RU85001S	RU85002S	RU85003S
Industrial, Medium	RU85001M	RU85002M	RU85003M
Industrial, Large	RU85001L	RU85002L	RU85003L
Diverter, Small	RU85004S	RU85005S	RU85006S
Diverter, Medium	RU85004M	RU85005M	RU85006M
Diverter, Large	RU85004L	RU85005L	RU85006L