

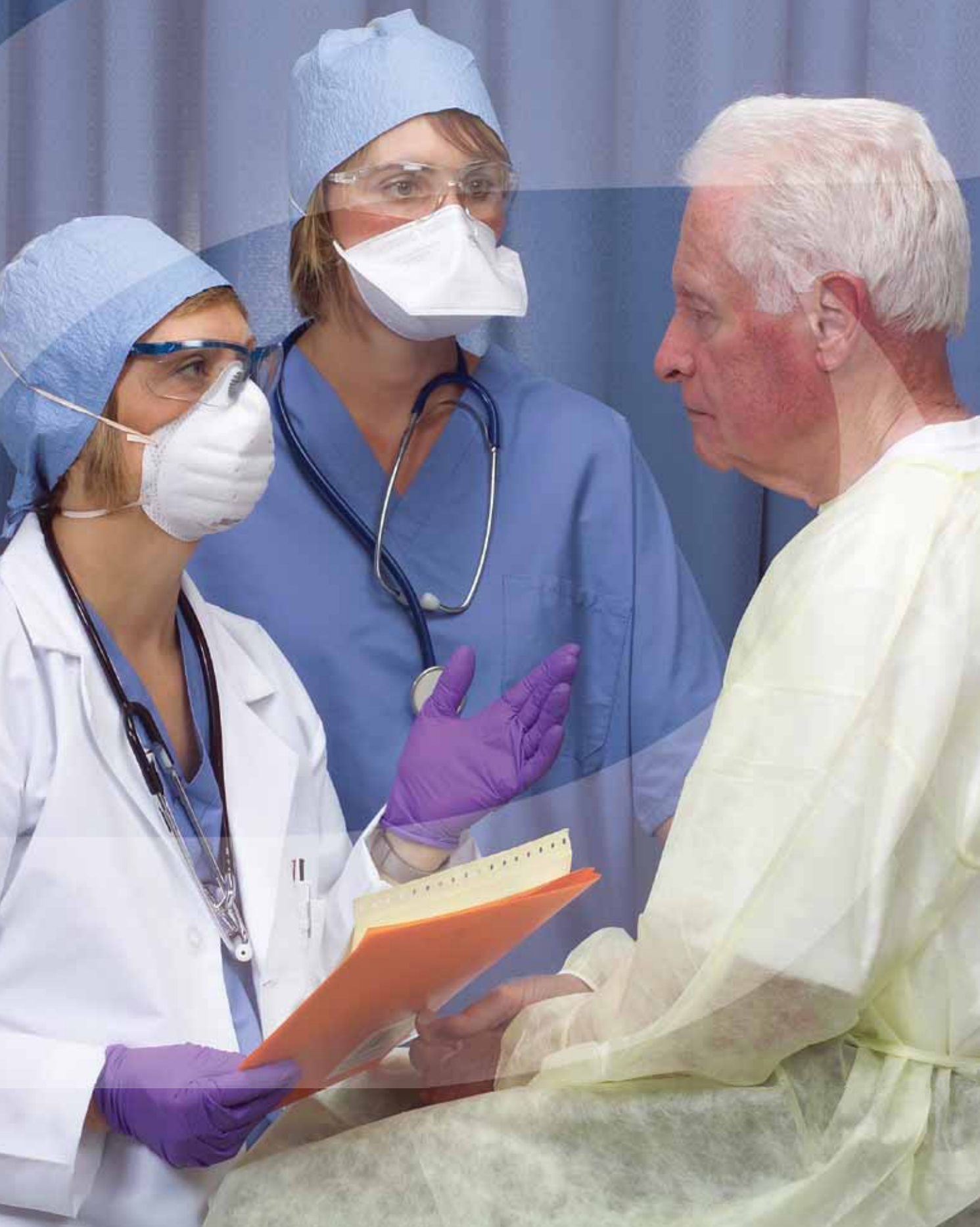


>>> RESPIRATORY PROTECTION

ONE-Fit® HEALTHCARE RESPIRATORS

SPERIAN
Protection you can trust

ONE-Fit® Flat Fold and Cup Style Respirators for Healthcare Use



N95

DISPOSABLE PARTICULATE RESPIRATOR AND SURGICAL MASK

For over 100 years, Sperian® has provided respiratory protection around the world. The Sperian brand of disposable respirators offers a comprehensive arsenal of disposable respirators.

For years, disposable respirators have been constructed with a variety of polyester fibers. The ONE-Fit™ Healthcare respirators are constructed with electrostatic, non-woven; melt blown polypropylene filtering media, fiber that ensures 95% filtration efficiency against non-oil airborne particles.

While there have been advances with disposable respirators, the ONE-Fit Healthcare N95 molded cup and flat fold respirators utilize advanced technology in their proprietary filtering media to create an improved crush resistance shell for the molded cup style respirator, and a light weight thin film layer in the flat fold version. These features make the ONE-Fit Healthcare products an excellent choice for hospitals, government, pandemic preparedness, and civilians use.

HC-NB295F ONE-Fit Flat Fold

Latex-Free Construction

Elastic Head Straps are Sonic Welded to Inside of Outer Layers

Thin Light-Weight Construction

Soft Inner Layer Designed for Comfort and Convenience



The ONE-Fit Healthcare HC-NB095 and HC-NB295F particulate respirator and surgical masks are NIOSH-approved as N95 respirators. They are designed for the healthcare setting and for use in the emergency room, operating room, intensive care unit, and meet CDC guidelines for M. tuberculosis. Engineered as one universal size, the HC-NB095 and the HC-NB295F offer secure protection and comfortably fit a variety of face sizes and shapes.

HC-NB095 ONE-Fit Molded Cup

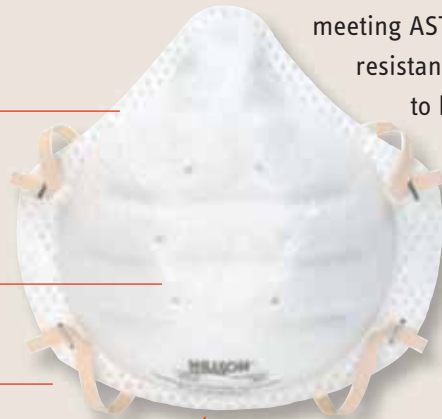
Light-Weight and Rigid Outer Shell that Resists Collapsing

Contours the Natural Shape of the Face

Inner Layer Ultrasonically Welded to Outer Shell in the Front at 6 Points

Latex-Free Construction

Soft Inner Layer Designed for Comfort and Convenience



The ONE-Fit Healthcare N95 particulate respirator and surgical masks are light weight and offer the wearer a soft inner lining for increased comfort against the face. With the respirator meeting ASTM standards for fluid and splash resistance, it aids in reducing potential exposure to blood, saliva, and other bodily fluids.

HC-NB29F

ONE-Fit® FLAT FOLD



Features

- Light weight and thin construction, with a soft inner layer designed for comfort and convenience
- Elastic head straps are sonic welded inside the outer layers
- Masks are individually bagged to keep from soiling and contamination
- Tear away section on the bag for easy opening
- Dispenser style box with tear-out/cut-out panel for ease of access
- Latex-free and silicone-free construction

Usages

- N95 particulate respirator
- Surgical mask
- Pandemic preparedness studies recommend as sufficient protection against many substances including diseases such as H5N1 Avian Flu and SARS

Performance

- NIOSH-approved as an N95 particulate respirator for potential respiratory exposure to potentially lethal agents such as Anthrax
- Proprietary technology that makes the mask incredibly light weight (33% less) increasing wear time and decreasing wearer fatigue
- A universal one size respirator, designed to fit most face sizes and shapes
- Meets CDC guidelines for M. tuberculosis exposure control
- Ranks as “high barrier” class 160 mmHg in conformance to ASTM F1862 requirements for fluid penetration and splash resistance
- Provides >99.9% (BFE) Bacterial Filtration Efficiency
- Offers >99.5% (PFE) Particle Filtration Efficiency
- Offers >99.9% (VFE) Viral Filtration Efficiency
- Exceeds NIOSH breathability performance specifications for ΔP
- Reduces the transfer of microorganisms and other airborne particulate matter
- Reduces wearer exposure to airborne particulates smaller than 0.1 micron – appropriate for laser and electrocautery procedures

Ordering Information

Model Number	HC-NB295F
Part Number	14110451
UOM	Box
Description	ONE-Fit Flat Fold N95 Healthcare Particulate Respirator and Surgical Mask
Packaging	20 Masks Per Box, Individually Bagged, Dispenser Style Box with Tear-Away Portion for Access
Box Dimensions	10.9" Wide x 3.9" Deep x 3.9" Tall
Box Weight	0.48 lbs
Case Quantity	10 Boxes Per Case, 200 Masks Total
Case Dimensions	19.5" Wide x 8.3" Deep x 11.7" Tall
Case Weight	5.37 lbs



HC-NB095

ONE-Fit® MOLDED CUP



Features

- Light weight and rigid outer shell that resists collapsing, with a soft inner layer designed for comfort and convenience
- Inner layer ultrasonically welded to outer shell in the front at six points to eliminate being drawn into mouth and nose area during inhalation
- The masks are all bagged into a single plastic sleeve to protect from exposure and contamination when the box is opened
- Plastic sleeve bag with a tear away portion for easy opening
- The mask contours with the natural shape of a face minimizing pressure point
- Latex-free and silicone-free construction

Usages

- N95 particulate respirator
- Surgical Mask
- Pandemic preparedness studies recommend as sufficient protection against many substances including diseases such as H5N1 Avian Flu and SARS

Performance

- NIOSH-approved as an N95 particulate respirator for potential respiratory exposure to potentially lethal agents such as Anthrax
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- Exceeds NIOSH breathability performance specifications for ΔP
- Reduces the transfer of microorganisms and other airborne particulate matter
- Reduces wearer exposure to airborne particulates smaller than 0.1 micron – appropriate for laser and electrocautery procedures

Ordering Information

Model Number	HC-NB095
Part Number	14110446
UOM	Box
Description	ONE-Fit Molded Cup N95 Healthcare Particulate Respirator and Surgical Mask
Packaging	20 Masks Per Box, Plastic Sleeve Bag with Tear-Away Portion for Easy Opening
Box Dimensions	5.4" Wide x 5.0" Deep x 9.6" Tall
Box Weight	0.50 lbs
Case Quantity	10 Boxes Per Case, 200 Masks Total
Case Dimensions	25.4" Wide x 11.4" Deep x 10.6" Tall
Case Weight	5.91 lbs

ONE-Fit® HEALTHCARE RESPIRATORS

PROTECTION AND COMFORT

Technical Glossary

N95 Respirator Certification Test

NIOSH required test for N95 respirators that measures filter efficiency and penetration of a 0.3 µm sodium chloride particle aerosolized at a flow rate of 85 liters per minute at 95% filtration efficiency.

ASTM F1862 Fluid Resistance Test

Fluid Resistance is defined as the ability of a facemask's material construction to minimize fluid traveling through the material and potentially coming into contact with the user of the facemask. The test simulates the fluid splash resistance of a facemask under conditions similar to actual use. The masks are evaluated at three pressures, 80, 120, and 160. The higher the pressure at which a mask passes, the greater the fluid splash resistance.

Particulate Filtration Efficiency (PFE)

Measures the percent efficiency at which a facemask respirator filters particulate matter passing through; particles range in size from 0.1 to one micron/micrometer, µm.

Bacterial Filtration Efficiency (BFE)

Measures the filtration efficiency by percent using viable (live) bacterial cells that vary in size from one to five microns (micrometer, µm).

Viral Filtration Efficiency (VFE)

Measures the filtration efficiency by percent using the phiX174 bacteriophage as a challenge organism, which is one of the smallest known viruses at 27 nm (0.027µ) in size, has no envelope, and has icosahedral morphology.

Breathability/Differential Pressure (ΔP) 'Delta P'

Measures the difference of air pressure of the inside of the mask and the outside of the mask; measures the pressure drop across the facemask and is expressed in mm air/cm². It is an indication of the effort required to breath through the mask.

Respiratory Protection Standards

Use of respirators in the workplace is regulated by OSHA Respiratory Protection Standards 29 CFR 1910.134. This requires an appropriate respirator program be established, which includes a written program, employee training, respirator fit testing, medical monitoring and program documentation and maintenance. OSHA requires that all respirators be properly fit tested using a quantitative or qualitative fit test when initially assigned to a user, and periodically thereafter. Respiratory protection standards are available from your Sperian respiratory representative.

Respiratory Training Program

Sperian Protection offers a complete respirator training program to assist your facility in achieving compliance with OSHA regulations. Materials include:

- OSHA MedCert online medical evaluations
- Sample respirator programs and training materials
- Respirator use and maintenance program and training materials
- Various respirator fit test kits and training materials

For More Information

For more information on Sperian® disposable respirator products or for ordering information, contact your local Sperian Protection sales representative or call Sperian Protection respiratory customer care at 800.821.7236.

⚠ WARNING! This document provides only an overview of the respiratory products shown. It does not provide important product warnings and instructions. Sperian recommends all users of respiratory equipment undergo thorough training and that all warnings and instructions provided with the products be thoroughly read and understood prior to use. Failure to read and follow all product warnings and instructions may result in serious personal injury, illness or death.