

A new-to-the-world NIOSH Certified N95 healthcare particulate respirator for exposure control, breathability & comfort



A Unique Design

3M™ Health Care Particulate Respirator and Surgical Mask 1870

- Meets CDC guidelines for *Mycobacterium tuberculosis* exposure control
- Consult OSHA regulations and CDC guidelines for the appropriate use of an N95 respirator for potential inhalation exposure sources such as Anthrax
- Features new, unique, 3M-patented flat-fold/three-panel design, with advanced electret media*.
- >99% bacterial filtration efficiency (BFE), helping reduce wearer exposure to airborne particles smaller than 0.1 microns – appropriate for laser and electrocautery procedures.



For Every Breath You Take

The truly unique, 3M-patented flat-fold/three-panel design of the 1870 respirator and surgical mask gives it a comfortable fit unlike any other¹, while reducing exposure to *M.tuberculosis* and submicron contaminants, like surgical plume and smoke.

The 1870 is the perfect choice for standardization to a single respirator for use in the OR, ICU, ER, Isolation Units and throughout the hospital. This is because the 1870 is both a respirator and a surgical mask, and because its universal size fits most face sizes and shapes¹.

Also, because it comes from 3M, a worldwide leader in respiratory protection products, you know you'll have reliable protection with *every breath you take*.

- Meets ASTM's highest level of fluid and splash resistance – reduces the risk of wearer contact with blood and body fluids
- Provides >99% bacterial filtration efficiency (BFE)² – helps reduce patient contamination caused by exhaled microorganisms
- Lightweight, off-the-face, collapse-resistant design provides greater comfort and breathability
- Unique, three-panel design moulds securely to face and leads to better fit testing
- Low profile – offers convenient storage and portability
- Soft, conformable nose clip adjusts easily for a custom fit that helps create a secure seal
- Soft inner lining is comfortable against the face
- Universal – one size fits most face sizes and shapes
- Latex- and fibreglass-free; hypoallergenic
- Individually packaged in sealed pouches to ensure product integrity during storage and transport



* **3M-patented Electret Media.** Advanced electrostatically-charged microfibres efficiently filters microorganisms and reduces the wearer's exposure to airborne particles smaller than 0.1 microns, while making breathing easier and cooler.

3M Health Care

For customer choice, 3M offers other N95 particulate respirators

The 1860/1860S Health Care Particulate Respirators and Surgical Masks also meet CDC guidelines for TB exposure control. They offer the same level of respiratory filtration protection and fluid/splash resistance as the 1870 respirator and can be used for the same procedures.

- Cone-moulded design with soft inner shell is comfortable against the face
- Available in regular and small sizes to fit a variety of face shapes and sizes
- Packaged stacked and unwrapped for quick and easy dispensing
- Reduces wearer exposure to airborne particles smaller than 0.1 micron – appropriate for laser and electrocautery procedures

A full line of protection

3M Health Care has a full line of respirators that offer a high level of convenience, comfort, and, most importantly, protection. Each and every respirator we make is designed to help reduce healthcare professionals' exposure to potential airborne microorganisms such as *M. tuberculosis*, as well as help protect patients against the risk of exhaled microorganisms.

Fit testing

3M offers fit testing equipment as well as training materials and services to help meet OSHA training regulations for the use of respirators.



▲ Warning: This respirator helps protect against certain particulate contaminants but does not eliminate exposure to or the risk of contracting any disease or infection. Misuse may result in sickness or death. For proper use, see your supervisor or call the 3M Health Care Customer Helpline at **1-800-364-3577**.

Cat. No.	Description	Units/Box	Boxes/Case	Total
NEW 1870	3M™ Health Care Particulate Respirator and Surgical Mask, flat-fold/three-panel	20	6	120
1860	3M™ Health Care Particulate Respirator and Surgical Mask, cone-moulded, (regular)	20	6	120
1860S	3M™ Health Care Particulate Respirator and Surgical Mask, cone-moulded, (small)	20	6	120
8233	3M™ N100 Particulate Respirator, with exhalation valve, cone-moulded	1	20	20
8247	3M™ R95 Particulate Respirator, with nuisance level organic vapour relief	20	6	120

References

1. Data on file, 3M.
2. Bacterial Filtration Efficiency (BFE) determined by the modified Greene and Vesley test method.



**Health Care
3M Canada**

Post Office Box 5757
London, Ontario N6A 4T1

1 800 563-2921 Ontario
1 800 361-2650 Quebec
1 800 361-4488 Atlantic Canada
1 800 661-8126 Western Canada

For more information, contact your 3M Sales Representative or call the 3M Health Care Customer Helpline at **1-800-364-3577**. Visit our Web site at www.3M.com/healthcare. These products can be ordered from your local 3M Dealer.