3M™Health Care Particulate Respirator and Surgical Mask 1860/1860S

User Instructions
IMPORTANT: Keep these *User Instructions* for reference.

⚠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 correct use, consult supervisor, and *User Instructions*, or call 3M in U.S.A., 1-800-247-3941. In Canada, call Technical Service at 1-800-267-4414.

IMPORTANT

Before use, the wearer must read and understand these *User Instructions*. Keep these instructions for reference.

Description

The 3M™ Health Care Particulate Respirator and Surgical Mask 1860/1860S is designed to help provide respiratory protection for the wearer. This respirator has a filter efficiency level of at least 95% against particulate aerosols free of oil†. It is fluid resistant‡ and meets > 99% bacterial filtration efficiency (BFE) ⁺. It is disposable and is cleared to be worn in surgery. It can fit a wide range of face sizes.

Not made with natural rubber latex.

Intended Use

This product meets CDC guidelines for M. tuberculosis exposure control.* As a respirator, it is intended to help reduce wearer exposure to certain airborne particles, including those generated by electrocautery, laser surgery, and other powered medical instruments. As a surgical mask, it is designed to be fluid resistant to splash and spatter of blood and other infectious materials‡.

Contraindications

3M recommends that this respirator is not for industrial use. Not for use with beards or other facial hair or conditions that prevent a good seal between the face and the sealing edge of the respirator. Does not protect against gases or vapors (i.e. anesthetic gases such as isoflurane or vapors from sterilants such as glutaraldehyde). **This respirator was not designed to be used by children.**

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† Tested against a 0.3 micron particle (mass median aerodynamic diameter) per U.S. 42 CFR 84.

‡ 1860: Meets ASTM Fluid Resistant Challenge F1862 at 120 mmHg.
1860S: Meets ASTM Fluid Resistant Challenge F1862 at 80 mmHg.

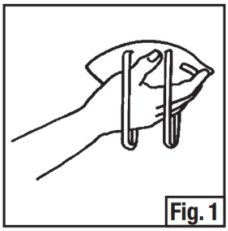
ǂ Meets ASTM Standard Test Method for Bacterial Filtration Efficiency F2101.
* Centers for Disease Control and Prevention. 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings.

Use Instructions:

S – Special or Critical User Instructions: This respirator has been approved as a NIOSH N95 filtering facepiece respirator, for use in healthcare settings, as a Surgical N95 Respirator conforming to recognized standards for biocompatibility, flammability, and fluid resistance at 120 mmHg (1860) and 80 mmHg (1860S).

1. Before occupational use of this respirator, a written respiratory protection program must be implemented meeting all the local government requirements. In the United States, employers must comply with OSHA 29 CFR 1910.134 which includes medical evaluation, training and fit testing. Select and use respirator in accordance with all applicable regulations, standards and professional guidance. Fit testing must be performed while the test subject is wearing any applicable safety equipment that may be worn during actual respirator use which could interfere with respirator fit, such as hair bonnets and eyewear. In Canada, CSA standard Z94.4 requirements must be met. Follow all applicable local regulations. This respirator is designed for occupational/professional use by adults who are properly trained in its use and limitations. The 3M FT-10 (sweet solution) or FT-30 (bitter solution) Qualitative Fit Test Apparatus or other OSHA accepted fit test protocols are recommended for fit testing this respirator.
2. Inspect respirator before each use to ensure that it is in good operating condition. Examine all the respirator parts for signs of damage including the two headbands, staples, noseclip, nosefoam and facepiece material. Ensure there are no holes in the breathing zone other than the punctures around staples and no damage has occurred. Enlarged holes resulting from ripped or torn filter material around staple punctures are considered damaged. Staple perforations do not affect NIOSH approval. The respirator should be disposed of immediately upon observation of damage or missing parts.
3. Leave the contaminated area immediately and contact your supervisor if dizziness, irritation or other distress occurs.
4. Respirator may be used until damaged, breathing becomes difficult or contaminated with blood or body fluids. Discard after every use when used for surgical procedures. Follow national, state, local and facility infection control guidance and policies.

Fitting Instructions: Must be followed each time respirator is worn.



1. Cup the respirator in your hand, with the nosepiece at your fingertips, allowing the headbands to hang freely below your hand.

2. Position the respirator under your chin with the nosepiece up. Pull the top strap over your head resting it high at the top back of your head. Pull the bottom strap over your head and position it around the neck below the ears. Make certain hair, facial hair, jewelry and clothing are not between your face and the respirator as they will interfere with fit.

3. Place your fingertips from both hands at the top of the metal nosepiece. Using two hands, mold the nose area to the shape of your nose by pushing inward while moving your fingertips down both sides of the nosepiece.

⚠ Pinching the nosepiece using one hand may result in improper fit and less effective respirator performance (Use two hands).

4. Perform a User Seal Check. To check the respirator-to-face seal, place both hands completely over the respirator and exhale. Be careful not to disturb the position of the respirator. If air leaks around nose, readjust the nosepiece as described in step 3. If air leaks around the respirator edges, adjust position of straps and make certain respirator edges fit snugly against the face. **If you CANNOT achieve a proper seal, DO NOT enter the contaminated area. See your supervisor.**

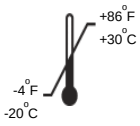
Removal Instructions:

1. Without touching the respirator, *slowly* lift the bottom strap from around your neck up and over your head. Then lift off the top strap. Store or discard according to your facility's infection control policy. Dispose of used product in accordance with applicable regulations.

Storage Conditions and Shelf Life:

Before use, store respirators in the original packaging, away from contaminated areas, dust, sunlight, extreme temperatures, excessive moisture and damaging chemicals. When stored in original packaging between temperatures from -4°F (-20°C) to +86°F (+30°C) and not exceeding 80% RH, the product may be used until the date specified on packaging located next to the "Use by Date" symbol.

Explanation of Symbols (For additional symbols visit www.3m.com/respirator-symbols-glossary)

Symbol	Symbol Title	Description and Reference
	Use-by date	Indicates the date after which the medical device is not to be used. Source: ISO 15223, 5.1.4
	Batch code	Indicates the manufacturer's batch code so that the batch or lot can be identified. Source: ISO 15223, 5.1.5
	Temperature limit	Indicates the temperature limits to which the medical device can be safely exposed. Source: ISO 15223, 5.3.7
	Humidity limitation	Indicates the range of humidity to which the medical device can be safely exposed. Source: ISO 15223, 5.3.8

NIOSH Approved N95 Respirator
At least 95% filtration efficiency against solid and liquid aerosols that do not contain oil.

FOR MORE INFORMATION and assistance on 3M Company products, contact your local 3M representative or call 3M Company Helpline toll free in USA 1-800-243-4630. In Canada, call 3M Helpline at 1-800-267-4414.

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