



1870 - P2 / N95 Flat Fold Respirator Health Care Mask

The advanced 3 panel design of the 3M 1870 Flat Fold Respirator Series means they are easier to breathe through and not prone to collapse. Being foldable they offer you more convenience than traditional cup shaped respirators. Features include headband material, which keeps a near constant tension, reducing strap pressure and ensuring a secure fit to the face for a range of head sizes.

Improved comfort is also achieved by using a soft material for sections of the respirator in contact with the skin.

The respirator is individually packed to avoid contamination during storage and the straps are colour coded, making identification easier.

MAIN FEATURES:

- Approved P2 (9320/9322) filters.
- Lightweight construction
 - Promotes greater wearer comfort.
 - Contributes to increased wear time.
- Weight: Unvalved - 10g per respirator
- Colour coded straps: Red = P2
- Filter design
 - Provides economical protection
 - No spare parts to clean and maintain.
- Adjustable aluminium nose-clip
 - Helps provide a custom fit and secure seal.
 - Reduces the potential for eyewear fogging.



ADDITIONAL INFORMATION:

- BFE >99%
- PFE >95% (N95)
- Infection control of airborne particles 0.1 to >10.0 microns
- Breathability 4.9 ΔP :mmH₂O/cm²

APPLICATIONS: 3M 1870 Flat Fold P2 / N95 Respirator Mask

1870 respirator is designed to be fluid resistant to splash and spatter of blood and other infectious materials.

Intended for use against both mechanically generated particulates and thermally generated fumes, plumes & smokes.

Applications include:

- OR Laser Surgery
- Electrocautery
- Other powered medical instruments
- Exposure to Mycobacterium tuberculosis
- Aerosol droplet transfer eg working with SARS patients
- Dental care where aerosol & particle exposures are possible
- Aerosols created during use & manipulation of Chemotherapy solutions
- Removal of casts or other dust producing activity.



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MATERIALS:

The following materials are used in the production of these products:

- Straps - Polyisoprene
- Nose-clip - Aluminium
- Filter - Polypropylene
- Nose foam- Polyurethane
- Valve - Polypropylene/Polyisoprene
- Latex & Fibreglass Free

APPROVALS:

The 3M 1870 Flat Fold respirator has been tested and meets the requirements of AS/NZS 1715-1994

TGA Approved:

TGA approval number: 93813
Device Classification: Class 1- non-sterile

ASTM Fluid & Splash Resistance:

Highly fluid & Splash-resistant =160mm Hg

Australian Mask Standards:

1870 Respirator Mask complies with Australian Standards:

1. AS 4381-2002: Single-Use Face Masks for use in Health Care
2. AS/NZS 1716-2003: Respiratory Protective Devices

International Standards:

1. When worn properly and in combination with protective eyewear, 1870 complies with the OSHA Bloodborne Pathogens Standard.
2. 1870 meets the Centre for Disease Control (CDC) guidelines for Mycobacterium Tuberculosis exposure control.
3. 1870 P2 is equivalent to N95 respirators as classified by NIOSH under the USA Respirator Standard.

TIME USE LIMITATION:

If the respirator becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area and replace the respirator.

To receive additional information, call our Customer Service Helpline:1300363878.

NB: 1870 wearers should be Fit Tested to ensure effective face seal & should be trained in fitting, use, care & disposal of the respirator mask.



ORDERING INFORMATION:

Please contact your 3M Hospital Sales Representative or local Distributor to place an order. To determine the location of the 3M distributor nearest you, simply call 3M Australia on 1300 363 878.

WARNING!

Respirators must not be used until your employer has determined whether usage will be in accordance with manufacturers instructions. The wearer must be trained in the proper use of this product. Failure to follow all instructions and warnings on the use of this product and/or failure to wear this respirator during all times of exposure can reduce respirator effectiveness and result in illness or death.

All respirators should be used in accordance with Australian/New Zealand Standard AS/NZS 1715.

3M™ Health Care Particulate Respirator and Surgical Mask 1870

Wear It Right Wearing your three-panel filtering facepiece respirator



1 Remove the respirator from its packaging and hold with straps facing upward. Place the bottom strap under the center flaps next to the "WARNING" statement.



2 Fully open the top and bottom panels, bending the nosepiece around your thumb at center of the foam. Straps should separate when panels are opened. Make certain the bottom panel is unfolded and completely opened.



3 Place the respirator on your face so that the foam rests on your nose and the bottom panel is securely under your chin.



Check the seal of your three-panel facepiece respirator each time you don the respirator.

Place one or both hands completely over the middle panel. *Inhale and exhale sharply.* If air leaks around your nose, readjust the nosepiece. If air leaks between the face and facepiece of the respirator, reposition it by adjusting the panels and straps. If you cannot achieve a proper seal, **do not** enter the contaminated area. See your supervisor.



4 Pull the top strap over your head and position it high on the back of the head. Then, pull the bottom strap over your head and position it around your neck and below your ears.



5 Adjust for a comfortable fit by pulling the top panel toward the bridge of your nose and positioning the bottom panel under your chin.



6 Place fingertips from both hands at the top of your nose and mold the nosepiece around your nose to achieve a secure seal.

▲ 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 3M Helpline at 1-800-228-3957. In Canada, call 1-800-563-2921.

3M Health Care

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Post-Consumer Fiber

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