

Face each day with confidence.

Choose trusted **Personal Protective Equipment** that your staff will feel comfortable – and confident – about wearing.

Dental professionals and patients now have a heightened awareness of potential exposure to infection – and of the need to mitigate that risk with personal protective equipment (PPE). It's important for your team and your patients to feel comfortable and confident about the PPE you use. 3M is here to help, with a range of surgical masks and N95 respirators to fit your needs.

Surgical masks vs. surgical respirators: What's the difference?



Masks

- Loose-fitting barrier between wearer and environment
- Helps reduce user exposure to bodily fluids (e.g. blood, saliva)
- Helps reduce patient exposure to large particles expelled by wearer (e.g. saliva, mucus)
- Does not reduce user exposure to airborne particles

vs.



Protects patient from particles expelled by wearer?



Protects wearer from splashes and spray?



Reduces wearer exposure to airborne particles?



Fluid resistant?*



Fits tightly on face?



Requires fit testing?



Respirators

- Tight-fitting respiratory protection
- Helps reduce user exposure to airborne particles
- **Surgical N95 respirators:** fluid-resistant, helps reduce patient exposure to particles expelled by wearer, cleared for use as a surgical mask by U.S. FDA
- **Standard N95 respirators:** not fluid resistant and therefore require face shield while in use. May be used by healthcare professionals during COVID-19 public health emergency, according to U.S. FDA's Emergency Use Authorization.

*Surgical Masks and Surgical Respirators only

Face Masks

3M surgical masks are designed for procedures with potential exposure to blood and bodily fluids. They create a physical barrier against splashes and sprays, and also help protect the patient from large particles exhaled or expelled by the wearer.



3M™ Triple Layer Molded Face Mask

3M™ Triple Layer Molded Face Mask, Petite

3M™ High Fluid-Resistant Procedure Mask

3M™ High Fluid-Resistant Procedure Mask with Face Shield

3M™ Ear Loop Mask

| | 2042F | 2042FP | 1840 | 1840FS | 2000F |
|----------------------------------------------|---------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|
| Design | Triple layer molded face mask with malleable nose piece | Petite version of 2042F | Flat, pleated earloop mask | Version of 1840 with anti-fog face shield and anti-glare strip | Flat, pleated earloop mask with malleable nose piece |
| Features | Middle layer designed to attract and trap particles | Middle layer designed to attract and trap particles | For use when high levels of fluid protection are required | For use when high levels of fluid protection are required | Lightweight, soft, easy to put on and remove |
| Bacterial Filtration Efficiency (BFE) | ≥98% ¹ | ≥98% ¹ | ≥98% ² | ≥98% ² | ≥95% ³ |
| Fluid resistance | ✓ Testing conducted per ASTM F1862-17 | ✓ Testing conducted per ASTM F1862-17 | ✓ 160 mm Hg Testing conducted per ASTM F1862-17 | ✓ 160 mm Hg Testing conducted per ASTM F1862-17 | ✓ Fluid resistance determined using hydrostatic pressure test method |
| Ratings | Meets EN 14683:2005 Type IIR Requirements | Meets EN 14683:2005 Type IIR Requirements | Meets ASTM F2100-11 Level 3 Requirements | Meets ASTM F2100-11 Level 3 Requirements | N/A |
| Packaging | 50/box | 50/box | 50/box | 50/box | 50/box |

¹Bacterial Filtration Efficiency (BFE) based on testing conducted per EN 14683:2005

²Bacterial Filtration Efficiency (BFE) based on testing conducted per ASTM F2101-19

³Bacterial Filtration Efficiency (BFE) based on testing conducted per ASTM F2101-14

Disposable N95 Surgical Particulate Respirators

3M's NIOSH approved N95 respirators use proprietary advanced electrostatic media technology to attract and capture airborne particles with less breathing resistance. They help reduce the wearer's exposure to harmful airborne particles, while also protecting the patient from particles expelled by the wearer.

During the public health emergency of the COVID-19 pandemic, these standard N95 "industrial" respirators may be used by healthcare professionals according to the U.S. FDA's Emergency Use Authorization.



3M™ Health Care Particulate Respirator and Surgical Mask



3M™ Health Care Particulate Respirator and Surgical Mask



3M™ Aura™ Health Care Particulate Respirator and Surgical Mask



3M™ Particulate Respirator



3M™ Particulate Respirator

| | 1860 | 1860S | 1870+ | 8210 | 8210Plus |
|----------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------|
| | Surgical Respirators | | | Particulate Respirators | |
| Design | Cup shape mask with braided and stapled headband | Smaller version of 1860 | 3-panel, flat fold mask with sculpted top and stapled headband | Cup shape mask with welded headband | Larger version of 8210 with comfortable braided, staple-free headband |
| Features | Meets CDC guideline for <i>M. tuberculosis</i> exposure control ¹ | Meets CDC guideline for <i>M. tuberculosis</i> exposure control ¹ | Meets CDC guideline for <i>M. tuberculosis</i> exposure control ¹ Contoured nose panel and chin tab for extra comfort | Durability | Durability Extra comfort |
| Bacterial Filtration Efficiency (BFE)² | >99% | >99% | >99% | N/A | N/A |
| NIOSH Approval Rating³ | N95 | N95 | N95 | N95 | N95 |
| Fluid resistance⁴ | 120 mm Hg | 80 mm Hg | 160 mm Hg | Not fluid resistant Face shield must be worn during use | Not fluid resistant Face shield must be worn during use |
| FDA Clearance | Surgical mask | Surgical mask | Surgical mask | Emergency Use Authorization for healthcare⁵ | Emergency Use Authorization for healthcare⁵ |
| Packaging | 120/case | 120/case | 120/case, individually packed | 160/case | 160/case |

¹Centers for Disease Control Prevention. 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings.

²ASTM F2101

³NIOSH 42 CFR 84 Certified



⁴ASTM F1862

⁵<https://www.fda.gov/medical-devices/emergency-situations-medical-devices/emergency-use-authorizations#covid19ppe>

Respirator Fit Testing Kits

Respirators should be fit tested in order to ensure a proper, protective seal to the user's face. In an aerosol challenge qualitative fit test, the user is exposed to a bitter or sweet aerosol while under a hood. If the user can't detect the taste or smell, then they pass the challenge.

| | Kit Contents | Packaging |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 3M™ Qualitative Fit Test Apparatus FT-10, Sweet | <ul style="list-style-type: none"> • Hood • Collar • 2 nebulizers • Tasting sensitivity solution • Tasting fit test solution • Laminated user instructions | 1/case |
| 3M™ Qualitative Fit Test Apparatus FT-30, Bitter | | |

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
|  |  WARNING: RESPIRATORS |
| <p>3M™ Disposable Particulate Respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 29 CFR 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For correct use, consult supervisor and User Instructions or call 3M Oral Care at 1-800-634-2249.</p> | |

3M™ Disposable Particulate Respirators and 3M™ Face Masks do not contain components made from natural rubber latex.

www.3M.com/dentalprotection



3M Oral Care
 2510 Conway Avenue
 St. Paul, MN 55144-1000 USA
 Phone 1-800-634-2249
 Web 3M.com/dental

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