

What you need when your patients need you. Your safety is essential in order to deliver care to your patients. Even in a time of constrained resources, you show up for them. You care for them. You protect them. As we navigate through this time of change together, we share a common goal: Making respiratory protection the highest priority.

3M Respiratory Protection Solutions

Our shared mission to transform outcomes starts with helping to protect you, so you can protect those in your care. To that end, we offer a range of respiratory protection options for healthcare professionals.



3M™ Surgical Filtering Facepiece Respirators



3M™ Reusable Elastomeric Respirators



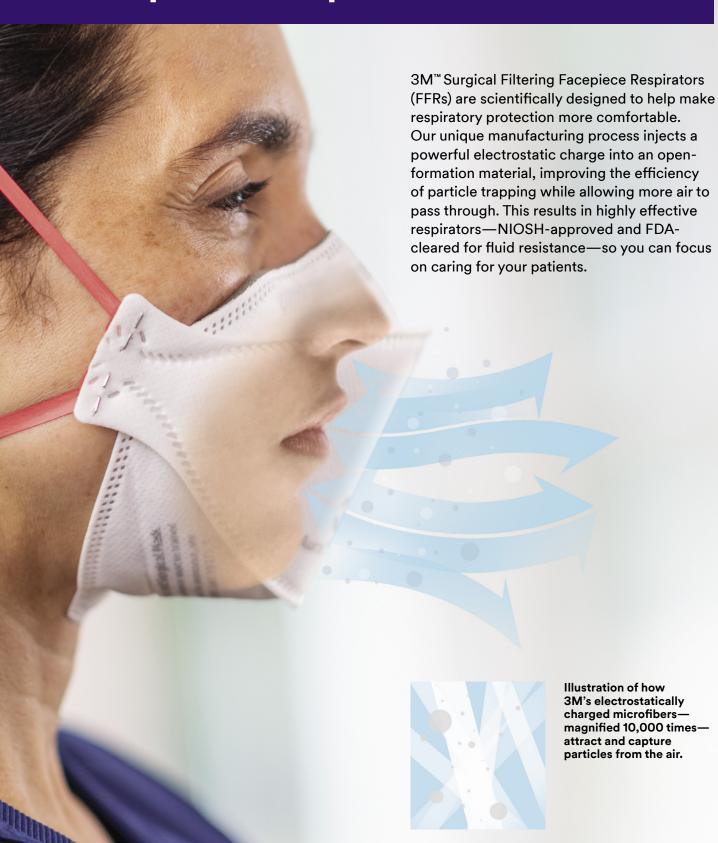
3M[™] Powered Air-Purifying Respirators (PAPRs)



3M[™] Health Care Surgical and Procedure Masks*

^{*}Surgical and procedure masks are not respirators and are not designed to help reduce the wearer's exposure to airborne hazards.

3M[™] Surgical Filtering Facepiece Respirators







3M[™] VFlex[™] Health Care Particulate Respirator and Surgical Mask 1804, 1804S

- Flat-fold design optimizes storage and portability
- Pleats flex with mouth movement
- Unique tabs for easy positioning
- Available in two sizes



3M[™] Health Care Particulate Respirator and Surgical Mask 1860, 1860S

- Collapse-resistant cup shape design
- Braided headbands for comfort
- Cushioning nosefoam
- Available in two sizes

3M[™] Reusable Elastomeric Respirators

3M[™] Half Facepiece Reusable Respirators are another respiratory protection option for healthcare workers. When used with replaceable particulate filters, reusable respirators offer a minimum of 95% filtration efficiency. They have the ability to be disinfected and reused. Common use includes these areas:

- Cohort (Infectious Disease) Unit
- Emergency Department
- Emergency Medical Services
- Radiology

CDC does not recommend use as a method of source control¹

3M[™] Half Facepiece Reusable Respirator 6000 Series

- Comfortable, soft, lightweight facepiece with adjustable head straps
- Can be disassembled, cleaned and reused
- Available in 3 sizes (small-6100, medium-6200, large-6300)



3M™ Particulate Filter 7093/ 7093B, P100

- NIOSH-approved with 99.97% filtration efficiency against non-oily particulates
- Channeled airflow protects filter for enhanced breathability and longer service life
- Swept-back design provides enhanced field of view and greater comfort
- Lightweight, low-profile design
- Plastic filter encasement for easy wipe-down



3M™ Particulate Filter/Retainer/ Adapter Kit 6N01

Kit includes 40 3M™ Particulate Filters 5N11, 20 3M™ Filter Adapter 603 and



Reusable Respirators by the Numbers

Reusable respirators (RRs) offer a sustainable option to help protect healthcare workers from potentially infectious airborne particles.

Projected respirators needed during a severe pandemic:



Respirator

Filtering Facepiece Respirators (FFRs)²

\$200 savings

per employee protected, compared to disposable respirator single highexposure risk use²

In a comparative study, users rated their sense of protection:

**** 4.1/5 RRs vs. 3.6/5 FFRs³



3M[™] Powered Air-Purifying Respirator Solutions







3M™ Versaflo™ PAPR TR-300+

The lightweight, low-profile 3M™ Versaflo™ PAPR TR-300+ provides reliable, comfortable protection in airborne particulate environments — so you can keep working, even in difficult conditions.

Why you can trust 3M™ Versaflo™ PAPR systems:

- Easy to assemble, disassemble, and troubleshoot for maintenance and decontamination.
- Lightweight and comfortable for long periods.
- Low-battery and low-flow alarms.
- Intuitive user interface (blue components represent user touch points).
- Lightweight soft hoods are designed to help reduce neck strain or fatigue by not wearing motor blower on head.

3M[™] Versaflo[™] S-Series Hoods and Headcovers with Integrated Suspension

- For quick assembly choose integrated suspension models.
 For fast, cost-effective replacement of outer fabrics, select premium reusable suspension models.
- Feel protected knowing the S-Series headcovers have an APF of 25 and hoods have an APF of 1000 when used as part of a NIOSH-approved PAPR system.
- Designed to fit a variety of head sizes and offer a wide field of view.

Assigned Protection Factors (APF) means the workplace level of respiratory protection that a respirator or class of respirators is expected to provide to employees when the employer implements a continuing, effective respiratory protection program.



3M[™] Versaflo[™] Easy Clean PAPR Kit TR-300+ ECK Kit

This complete, ready-to-use HE PAPR system is easy to clean and features a maintenance-free disposable hood.

The kit includes: S-433L Hood Assembly, BT-20L Breathing Tube, TR-302N+ PAPR Unit, TR-327 Easy Clean Belt, TR-332 High Capacity Battery, TR-341N Battery Charger Kit, TR-3712N HE Filter, TR-3600 Pre-Filter, TR-971 Airflow Indicator.

3M[™] Health Care Surgical and Procedure Masks



3M also offers you a variety of surgical and procedure masks for your specific needs. It's important to note that surgical and procedure masks are not respirators and are not designed to help reduce the wearer's exposure to airborne hazards. We offer options that are ideal for surgical and general purpose use, including models with built-in faceshields.



3M[™] Tie-On Surgical Mask 1818, 1818FSG



3M[™] High Fluid-Resistant Surgical Mask 1835, 1835FS



3M[™] High Performance Surgical Mask 1838R, 1838FSG



3M[™] Earloop Procedure Face Mask 1820, 1820FS



3M[™] High Fluid-Resistant Procedure Mask 1840, 1840FS

Select the proper respiratory protection for your needs.

Healthcare workers may be exposed to a wide range of airborne hazards and the right respiratory protection strategy in place can make all the difference. Learn the key differences between the three types below, so you can make a more informed decision about respiratory protection at your healthcare facility.







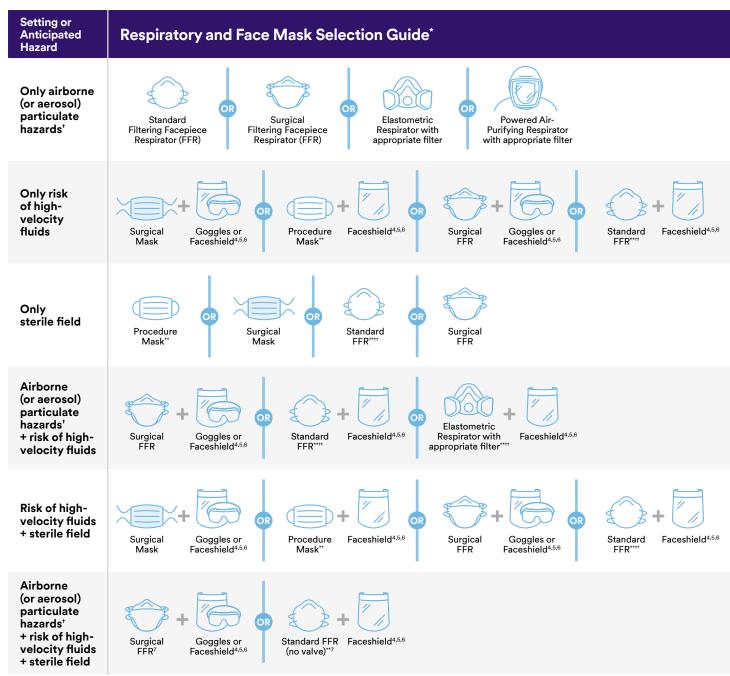
	3M™ Aura™ Health Care Particulate Respirator and Surgical Mask 1870+	3M™ Half Facepiece Reusable Respirators with particulate filters	3M™ Versaflo™ Easy Clean PAPR Kit TR-300N+ ECK
NIOSH filtration efficiency against non-oily particulates	95% (N95)	95% (N95), 99.97% (P100)	99.97% (HEPA)
OSHA Assigned Protection Factor (APF)	10 APF	10 APF	1000 APF
Able to use with stethoscope (with select head coverings for PAPR)	*	✓	/
Certain components intended to be disinfected and reused*		✓	/
Replaceable filters available		✓	/
No fit testing required			/
Fluid resistant tested**	✓		
Pressure type	Negative	Negative	Positive

^{*}Please refer to inspection, cleaning and maintenance instructions and follow facility protocol

^{**}ASTM F1862 / F1862M - 17 Standard Test Method for Resistance of Medical Face Masks to Penetration by Synthetic Blood

What to consider when choosing respirators and masks.

3M[™] Health Care Respirators and Surgical Masks do different jobs and their selection and use depends on the situation and the type(s) of protection you need. Be sure to take care of yourself and those around you by selecting the proper respirator and mask for the application.



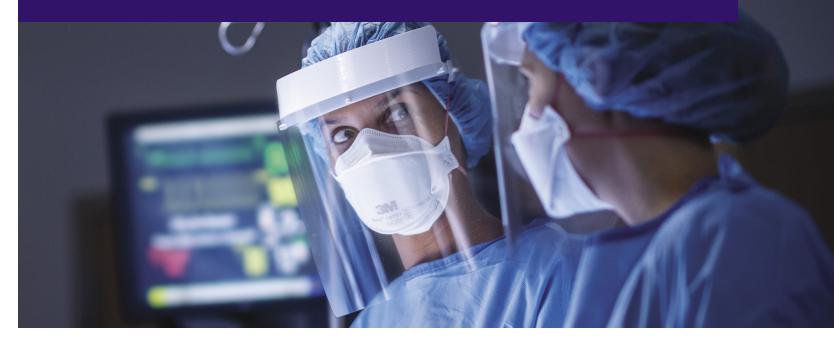
July 2020

Note: For information about eye protection, see the <u>3M Eye Protection for Infection Control Technical Bulletin</u>

*This guide is intended for a healthcare audience. The term "surgical" refers to those masks and respirators cleared for use as a medical device by the U.S. FDA; clearance requires demonstrated performance against established test criteria including fluid resistance testing to demonstrate the device will protect the wearer from high-velocity streams of fluids. This guide may not be inclusive of all options that could be used in the listed settings. It is the responsibility of the healthcare organization to determine suitability of any respirator, face mask, and faceshield used in their facility and ensure compliance with all applicable regulations including the respiratory protection program requirements of U.S. OSHA 29 CFR 1910.134 when respiratory protection is used.

**Item is not FDA cleared for protection against high velocity fluids. The faceshield provides mouth, nose, eye, and skin protection.

PPE and Skin Protection



Prolonged use of PPE may impact skin and cause various levels of skin breakdown. Certain 3M skin health products may help protect your skin without interfering with the fit of respirators.*



Protect your skin while wearing PPE

The key consideration when determining how to help protect your skin while wearing facial PPE is ensuring that the skin protection product does not interfere with the PPE and its functionality. This means choosing a skin protection product that:

- Does not interfere with the seal of the respirator and/or fit of other facial PPE***
- Does not transfer off your skin and onto the facial PPE
- Protects skin from friction and moisture (waterproof)
- Is breathable, so moisture can evaporate from your skin
- Does not require removal or washing off
- Has a low dermatitis potential





3M[™] Cavilon[™] Advanced Skin Protectant

[†]Appropriate respirator selection depends on multiple factors, including hazard type, concentration, and substance-specific standards.

^{††}Not cleared by FDA for use in surgery.

^{*}Based on a May 2020 limited lab fit study of certain skin products (3M™ Cavilon™ No Sting Barrier Film, 3M™ Cavilon™ Advanced Skin Protectant) and several 3M N95 filtering facepiece respirators.

^{**}Because of the potential for interference with the seal and/or filtration function of any of 3M's filtering facepiece respirators (FFR), including N95 respirators, 3M does not advise use of petroleum jelly (also known as petrolatum) ointments, thick barrier cream or dressings such as polyurethane foams and hydrocolloids. If there is any doubt or concern regarding the impact of these products on the respirator's seal, employees should be fit tested with these products applied to the skin as they would be during respirator wear.

Ordering Information

Product Number	Description	Per case		
3M™ Surgical Filtering	Facepiece Respirators			
1870+	3M™ Aura™ Health Care Particulate Respirator and Surgical Mask	20/Box, 6 Boxes/Case		
1804	3M™ VFlex™ Health Care Particulate Respirator and Surgical Mask	50/Box, 8 Boxes/Case		
1804S	3M™ VFlex™ Health Care Particulate Respirator and Surgical Mask Small	50/Box, 8 Boxes/Case		
1860	3M™ Health Care Particulate Respirator and Surgical Mask	20/Box, 6 Boxes/Case		
1860S	3M™ Health Care Particulate Respirator and Surgical Mask Small	20/Box, 6 Boxes/Case		
3M™Reusable Elaston	neric Respirators			
3M [™] 6000-Series Ha	alf Facepiece Reusable Respirators			
6100	Half Facepiece Reusable Respirator-Small	24		
6200	Half Facepiece Reusable Respirator-Medium	24		
6300	Half Facepiece Reusable Respirator-Large	24		
3M [™] Particulate Filte	rs and Assemblies			
7093	Particulate Filter, P100	12/Box, 5 Boxes/Case		
7093B	Particulate Filter, P100	144		
6N01	Particulate Filter/Retainer/Adapter Kit	40 3M™ Particulate Filters 5N11 20 3M™ Filter Adapter 603 20 3M™ Filter Retainer 501		
3M [™] Powered Air-Pur	ifying Respirators (PAPRs)			
3M™ Versaflo™ TR-30	0+ Kits and Assemblies			
TR-300N+ ECK	Easy Clean PAPR Kit - Complete, Ready-to-Use System	1		
TR-300+ HKL	Healthcare PAPR Kit - Complete, Ready-to-Use System with S133L Headcover	1		
TR-307N+	PAPR Assembly with Easy Clean Belt and High Capacity Battery	1		
3M™ Versaflo™ TR-300+ Pre-Filters / Filters				
TR-3600	Prefilter	100		
TR-3712N-5	HE Filter 3712N	5		
TR-3712N-40	HE Filter 3712N	40		
3M [™] Versaflo [™] TR-300+ Batteries and Battery Chargers				
TR-332	High Efficiency Battery	1		
TR-341N	Single Station Battery Charger Kit	1		
TR-344N	4-Station Battery Charger Kit	1		
3M [™] Versaflo [™] Breathing Tubes & Breathing Tube Cover				
BT-30	Adjustable Length Breathing Tube	1		
BT-922/W-3228-10	Breathing Tube Cover	10		
3M [™] Versaflo [™] S-Seri	es Hoods and Headcovers with Integrated Suspension			
S-433L-5	Hood with Integrated Head Suspension - Medium/Large	5		
S-433S-5	Hood with Integrated Head Suspension - Small/Medium	5		
S-133L-5	Headcover with Integrated Head Suspension - Medium/Large	5		
S-133S-5	Headcover with Integrated Head Suspension - Small/Medium	5		

Ordering Information

Product Number	Description	Per case		
3M™ Health Care Su	rgical Masks			
1818	3M [™] Tie-On Surgical Mask	12/Box, 5 Boxes/Case		
1818FS	3M™ Tie On Surgical Mask with Face Shield	50/Box, 4 Boxes/Case		
1835	3M [™] High Fluid-Resistant Surgical Mask	50/Box, 6 Boxes/Case		
1835FS	3M [™] High Fluid-Resistant Surgical Mask with Face Shield	50/Box, 6 Boxes/Case		
1838R	3M [™] High Performance Surgical Mask	50/Box, 12 Boxes/Case		
1838FSG	3M [™] High Performance Surgical Mask with Face Shield	50/Box, 4 Boxes/Case		
3M™ Health Care Pro	ocedure Masks			
1820	3M [™] Earloop Procedure Face Mask	50/Box, 12 Boxes/Case		
1820FS	3M [™] Earloop Procedure Face Mask with Face Shield	50/Box, 6 Boxes/Case		
1840	3M™ High Fluid-Resistant Procedure Mask	50/Box, 6 Boxes/Case		
1840FS	3M [™] High Fluid-Resistant Procedure Mask with Face Shield	50/Box, 6 Boxes/Case		
Skin Protection				
3M™ Cavilon™ No St	ing Barrier Film			
3343	1.0 mL Wand	25/Box, 4 Boxes/Case		
3344	1.0 mL Wipe	25/Box, 4 Boxes/Case		
3M [™] Cavilon [™] Advanced Skin Protectant				
5051	.07 mL Applicator	20		



For more resources and information about choosing the right mask or respirator for your needs, go to **3M.com/healthcareppe**

¹ Centers for Disease Control and Prevention. (2020). Interim Infection Prevention and Control Recommendations for Healthcare Personnel During the Coronavirus Disease 2019 (COVID-19) Pandemic. Retrieved July 15 from https://www.cdc.gov/coronavirus/2019-ncov/hcp/infection-control-recommendations.htm

²National Academies of Sciences, Engineering, and Medicine 2019. Reusable Reusable Elastomeric Respirators in Health Care: Considerations for Routine and Surge Use. Washington, DC: The National Academies Press. https://doi. org/10.17226/25275.

³Hines, S. E., Brown, C., Oliver, M., Gucer, P., Frisch, M., Hogan, R., ... & McDiarmid, M. (2019). User acceptance of reusable respirators in health care. American journal of infection control, 47(6), 648-655.

⁴Centers for Disease Control and Prevention. (2020). Personal Protective Equipment: Questions and Answers. Retrieved July 15 from https://www.cdc.gov/coronavirus/2019-ncov/hcp/respirator-use-fag.html

⁵Centers for Disease Control and Prevention. (n.d.). Guidance for the Selection and Use of Personal Protective Equipment (PPE) in Healthcare Settings. Retrieved July 15 from https://www.cdc.gov/hai/pdfs/ppe/PPEslides6-29-04.pdf

⁶Centers for Disease Control and Prevention. (2020). Operational Considerations for Personal Protective Equipment in the Context of Global Supply Shortages for Coronavirus Disease 2019 (COVID-19) Pandemic: non-US Healthcare Settings. Retrieved July 15, from https://www.cdc.gov/coronavirus/2019-ncov/hcp/non-us-settings/emergency-considerations-ppe.html

Centers for Disease Control and Prevention. (2020). Interim Infection Prevention and Control Recommendations for Healthcare Personnel During the Coronavirus Disease 2019 (COVID-19) Pandemic. Retrieved July 15 from https://www.cdc.gov/coronavirus/2019-ncov/hcp/infection-control-recommendations.html



3M Company 2510 Conway Ave. St. Paul, MN 55144 USA

Phone 1-800-228-3957 Web 3M.com/medical 3M, Aura, VFlex, Versaflo and Cavilon are marks and/or registered marks of 3M. Unauthorized use prohibited. Please recycle. Printed in USA. © 3M 2021. All rights reserved. GL_70-2011-8036-4



AWARNING

These respirators help protect against certain airborne particulates. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. Follow all local regualtions. In the U.S., 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 Health Care Helpline in USA at 1-800-228-3957 and in Canada at 1-800-563-2921.