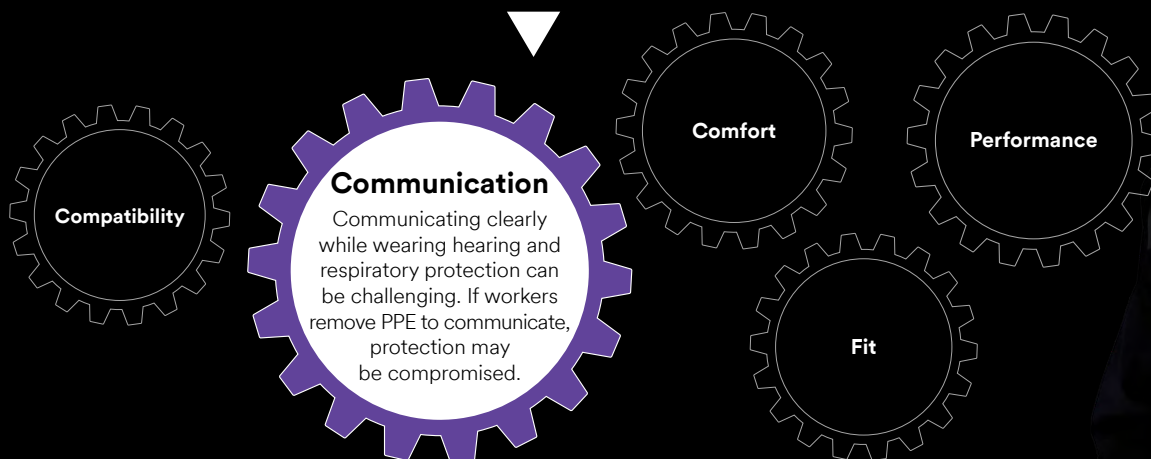


3M Science. Applied to Life.™

Workers don't just encounter hazards one at a time. PPE is most effective when worn 100% of the time exposed. With the **3M Integrated Protection Program***, our PPE technologies and services work together to help encourage consistent use by addressing key worker needs. Start by asking: **Why might workers not wear their PPE 100% of the time exposed?**



How can we help encourage wear time?



By selecting PPE options with features to help allow communication without removing PPE.

**It's time to change the way we look at PPE:
from many distinct categories to one comprehensive program**



Working together for communication.

Why is it so important to have PPE that works together to help facilitate communication? If workers remove their PPE to communicate, they may not receive the intended protection.

Effective protection drops when hearing protectors are not worn.¹ See the impact of just 1 hour without hearing protection over an 8 hour shift:

Effective protection



Removing a respirator for just a few minutes to communicate may impact protection.

Not wearing respirators²

5%
of the time exposed



May reduce effective protection factor by up to²

30%

Respirator type	APF	Percent of time respirator worn & associated EPF ²		
		100%	95%	80%
Half-face respirator	10	10	7	3.6
Full-face respirator	50	50	14.5	4.6
Powered & supplied air	1000	1000	20	5
SCBA	10,000	10,000	20	5

1. Based on 95 dBA TWA exposure and using NIOSH Recommended Exposure Limit of 85 dBA and 3 dB exchange rate.

2. Assuming a half face piece respirator with an APF of 10, 5% of an 8 hour workshift is 3 min/hour, or 24 min a day non-wear time. Colton, Craig. Respiratory Protection. Fundamentals of Industrial Hygiene. Ed. Barbara Plog. Itasca: National Safety Council, 2012, 678-679.

*Representative of a potential PPE combination. To ensure that any combination of products works together, please conduct fit testing of respiratory, hearing and eye protection while wearing all necessary PPE.

See how it all comes together >>

Powered by the science of safety

Work with 3M to help reduce the challenges of wearing multiple types of PPE together.

3M Integrated Protection Program*

» How can we encourage workers to wear all their required PPE, all shift long? Consider the 3M Integrated Protection Program*, a holistic approach to PPE. It includes options that work together to help address hazards, all backed by best practices for fit and 50+ years of the Science of Safety.

3M technologies that can help address communication



3M™ Secure Click™ Reusable Respirators – speaking diaphragm designed to help provide easy communication



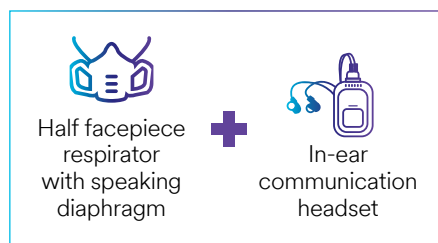
3M™ PELTOR™ Protective Communications – enables clear, hands-free protective communication in noisy environments

Combining these technologies helps workers achieve both respiratory and hearing protection while helping maintain the ability to communicate – without removing any PPE.

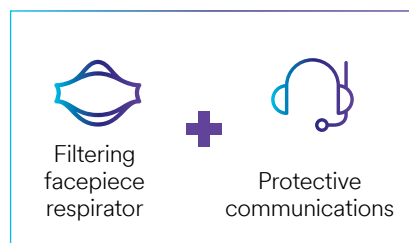
Consider these potential PPE options* to help encourage 100% wear time.



or



or



Schedule a Fit Academy session

This interactive workshop provides valuable information on respiratory, hearing, eye and fall protection fit assessments, PPE comfort and fit selection options, and best practices to help your health and safety program.



Contact your 3M representative to learn about suggested PPE options to help meet your needs.

[3M.com/WorkingTogether](https://www.3m.com/WorkingTogether)

***3M Integrated Protection Program** refers to 3M's portfolio of personal protective equipment (PPE) options and services, which may work together to help address one or more of the following worker needs, such as: comfort, fit, compatibility, communication, or performance. The depicted combinations are representative examples of which technologies may work together and is not comprehensive. Some environments or situations might require different or additional PPE. Selecting PPE is the responsibility of the employer and must be based on the work environment, specific hazards, and tasks involved. Fit testing is required to ensure that PPE combinations fit the individual wearer.

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Customer Service 1-800-328-1667
[3M.com/workersafety](https://www.3m.com/workersafety)

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