



Miller

The Power of Blue



LPR-100™ Series Reusable Respirators

Designed to help keep operators comfortable,
productive and compliant in welding environments

OSHA Hierarchy of Controls & Personal Protective Equipment

Miller is your single source solution to help you achieve weld fume compliance, with products that fulfill each tier of OSHA's Hierarchy of Controls.

When determining an action plan, start at the top and work your way down OSHA's Hierarchy of Controls – selecting the controls that are the most feasible, effective, and permanent for your workplace. It may be necessary to implement multiple solutions to achieve the desired results.

When all other options are not feasible, while they are being implemented, or when they are not able to reduce employee exposure below permissible levels, respiratory protection should be implemented.

Designed specifically for welding applications, Miller respirators are made to comfortably fit under most welding helmets to help keep operators comfortable, productive and compliant.



OSHA Respiratory Protection Standard

Operators will experience the full benefits of wearing a respirator when the proper respirator is selected for the application, the respirator fits and is used correctly, and guidelines are followed.

OSHA Standard 29 CFR 1910.134 outlines rules and information regarding:

Six Steps to Setting Up Your Respiratory Program



Exposure Assessment



Respirator Selection



Fit Testing



Written Program



Medical Evaluation



Training & Maintenance



Is a Written Respiratory Program Needed?

It's important to understand the difference between voluntary and mandatory respirator use in your work place and provide employees with details to help ensure they are properly protected and following necessary guidelines.

Mandatory or Emergency Use:

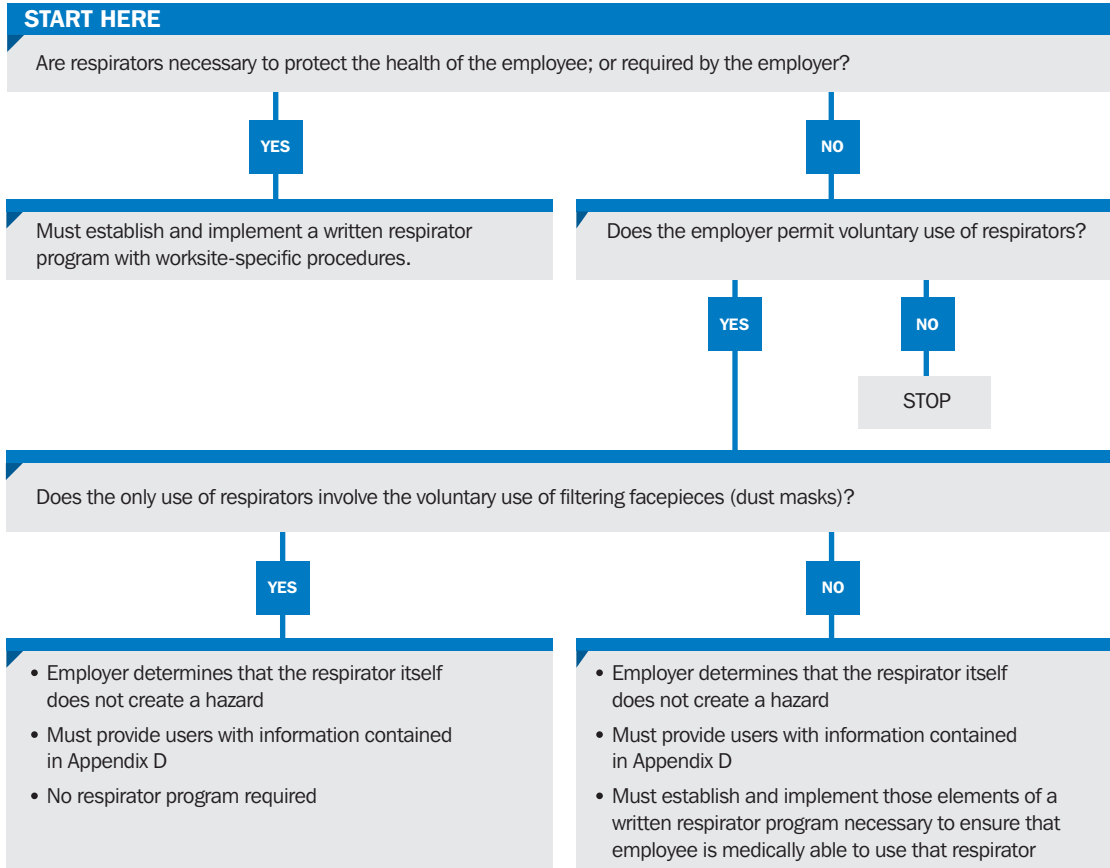
If a respirator is required to be worn as part of the job requirement or during an emergency, then the entire OSHA Standard 29 CFR 1910.134 applies. Along with the equipment, employers must establish and implement a written respirator program and specific workplace procedures.

Voluntary Use of a Respirator More than a Disposable Dust Mask:

For half masks and full face cartridge respirators, employers must provide employees with Appendix D of OSHA Standard 29 CFR 1910.134, and also include other specific program requirements such as medical evaluations, designating a program administrator, and developing procedures for cleaning, storing and maintaining respiratory equipment so it does not present a hazard to the employee.

Voluntary Use of Disposable Respirator:

The respirator must be stored and maintained so that its use does not present a health hazard to the user, and that the employer must provide employees with Appendix D of OSHA Standard 29 CFR 1910.134.



See the latest OSHA regulations for updated content.

Which Mask Should I Use?

After completing an exposure assessment and understanding your environment, the applications, and users you'll be ready to make the best selection.

Other factors to consider include:

- Fit – Utilize fit testing to select the correct size to ensure a tight seal
- Comfort – Features that allow the user to customize the fit for all-day comfort
- Design – Select a respirator that fits with other PPE, such as welding helmets, without interrupting field of vision



Not Resistant to Oil

N = Not Oil Resistant

95 (up to 95% of airborne particles)



Oil Proof

P = Oil Proof

100 (up to 99.97% of airborne particles)

NOTE: Only Masks with a P rating can provide ample protection against solid and liquid aerosol particulates that may contain oil.

Need help assessing your environment?

Contact us at weldingsafety@millerwelds.com and we can help connect you with an Industrial Hygienist.

What is Nuisance Level OV Protection?

Nuisance level OV protection is for concentrations not exceeding OSHA PEL or other applicable government exposure limits, whichever is lower. Nuisance level OV protection features an added layer of carbon that helps remove nuisance level organic vapors.

When should I replace my LPR-100™ filter cartridges?

- ✓ It becomes difficult to breathe comfortably (this will vary from individual to individual)
- ✓ The filter becomes dirty or physical damage occurs
- ✓ For P-Series filters only when used in environments containing oil aerosol:
 - Dispose of P-Series filters after 40 hours of use or 30 days, whichever is first



Miller® LPR-100™ Series Respirators

Extreme low-profile design provides maximum field of vision, doesn't interfere with protective eye-wear and fits comfortably under most welding helmets¹ and Weld-Mask™ 2.



Provides up to 99.97% filtration of airborne particulates and aerosols, both oil-based and non-oil-based.



Exclusive pleated filter design provides additional surface area to reduce breathing resistance while minimizing filter size.



Wrap-around spark guard protects filters from spatter and other debris.



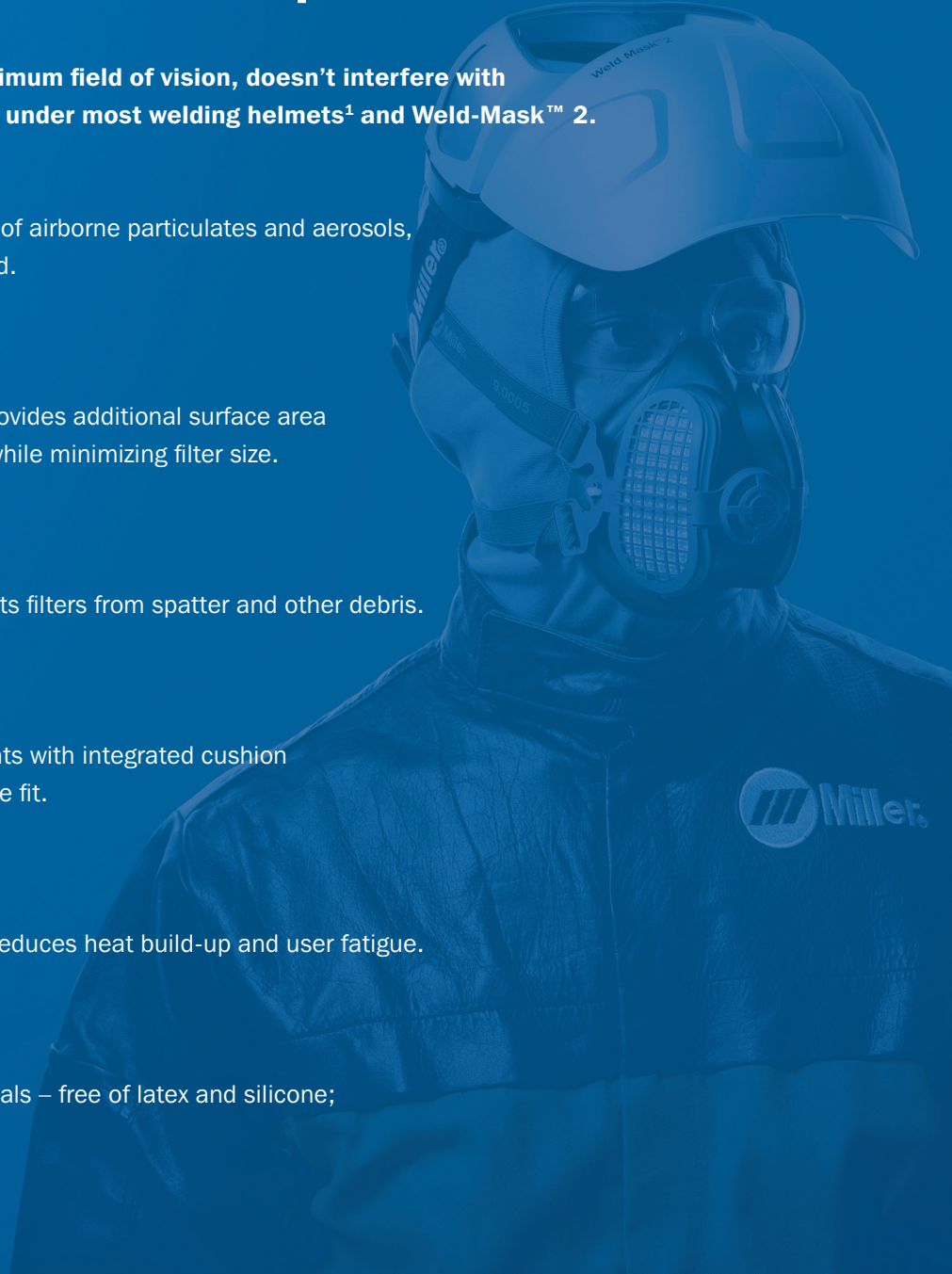
Four-point head strap adjustments with integrated cushion for a customized and comfortable fit.



Large non-return exhaust valve reduces heat build-up and user fatigue.



Made with medical-grade materials – free of latex and silicone; odor-free and non-allergenic.





LPR-100™ Reusable Half Mask Respirator

Ideal for welding applications, the low-profile design fits comfortably under Miller® T94™, Elite™ and Classic Series Welding Helmets and Weld-Mask™ 2.

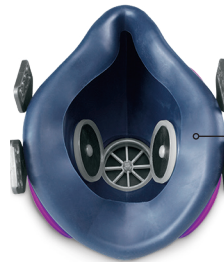
Available with Nuisance Level OV relief filters.

NIOSH 42 CFR 84 Certified	APF = 10
OSHA Classification: Tight-fitting respirator ¹	WEIGHT: 4.7 oz (133 g)
FILTER: Up to 99.97% Efficiency	



P100 Filters
Innovative filter media that will not deteriorate in humid conditions, extending filter life.

P100 Nuisance Level OV Relief Filters
An added layer of carbon helps remove foul odors in environments where contaminants are below OSHA Permissible Exposure Limits (PELs).



Full inside foam seal enhances fit and improves overall mask seal.



Inside view

LPR-100™ /OV Reusable Respirator

Ideal for welding, paint, weldment cleaning and general metal working clean-up. Features OV (organic vapor) cartridges to provide relief and help keep operators compliant where contaminants are above OSHA's permissible exposure limits (PEL). Fits comfortably under Miller® T94™ and Elite™ Series Welding Helmets and Weld-Mask™ 2.

NIOSH 42 CFR 84 Certified	APF = 10
OSHA Classification: Tight-fitting respirator ¹	WEIGHT: 12.5 oz (355 g)
FILTER: Up to 99.97% Efficiency, with organic vapor cartridge	



P100/OV (Organic Vapor) Filters
In addition to a P100 filter layer, product features activated carbon with a pore structure selected for maximum absorption efficiency.



Oversized exhaust valve eases breathing.



Inside view

¹ Fit testing required for mandatory use.

Ordering Information



LPR-100™ Reusable Respirator

ML00894	Small / Medium
ML00895	Medium / Large
SA00818	Replacement P100 Filters, Pair

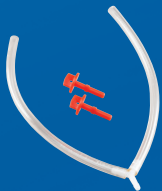
LPR-100™ Reusable Half Mask Respirator with Nuisancel Level OV Relief

ML00994	Small / Medium w/ Nuisance Level OV Relief Filters*
ML00995	Medium / Large w/ Nuisance Level OV Relief Filters*
SA00819	Replacement Combination P100/Nuisance Level OV Relief Filters*, Pair
283374	LPR-100™ Hard Carrying Case



LPR-100™/OV Reusable Respirator

ML00996	Small / Medium
ML00997	Medium / Large
SA00820	Replacement P100 / OV Filters, Pair
285686	LPR-100™/OV Hard Carrying Case



Quantitative Fit Test Kit

261086

*Nuisance level OV relief respirators are designed for use with organic vapor concentrations not exceeding OSHA's PELs or other applicable government occupational exposure limits, whichever is lower.