



RPB[®]
FABRICATION
RANGE

PROTECTING YOU FOR LIFE'S BEST MOMENTS[®]



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rpb[®]



RPB® FABRICATION RANGE

Founded as a protective equipment task force in the 1970's, we have grown far beyond simply manufacturing products. We protect you for life's best moments.

RPB® is fueled by our R&D Special Ops Unit, comprised of the world's most bold and pioneering industry designers, users and advocates that revolutionize product innovation. We are fully dedicated to helping build a better future for the new generation of elite industrial troops; those who risk their lives so that future generations can thrive, rather than survive.

Enter the RPB® armory. The world's most advanced front-line armor for industry professionals consisting of powered and supplied air respirator systems, rigorously engineered resulting in increased comfort, advanced safety and superior respiratory protection.

PROTECTING YOU...

Z-LINK+®
(page 8)

Z-LINK®
(page 26)

Z4™
(page 14)

Z100™ SERIES
(page 32)

Z3™
(page 20)

POWERED & SUPPLIED AIR
(page 38)





...FOR LIFE'S BEST MOMENTS®

Those moments we experience every day. Be it a challenging mountain hike, a breathtaking sunset or just returning safely home from work to enjoy the things in life that matter most.

PROTECTING YOU FOR LIFE'S BEST MOMENTS®

rpb®



PRODUCT COMPARISON



Z-LINK+®



Z4™



Z3™



Z-LINK®



Z100®

| | | | | | |
|---------------------------------------|--|--|--|--|---|
| Air supply | SAR or PAPR | SAR or PAPR | SAR or PAPR | SAR or PAPR | SAR or PAPR |
| Respirator type | Welding/grinding | Welding/grinding | Welding | Grinding | Grinding |
| Available attachments and accessories | Comfort-Link™ Quiet-Link™ Comms-Link™ Vision-Link™ Crystal clear peel-off lenses | Comfort-Link™ Comms-Link™ Vision-Link™ | Hard hat | Comfort-Link™ Quiet-Link™ Comms-Link™ Vision-Link™ Crystal clear peel-off lenses | Hard hat |
| Head protection | Yes | Optional bump cap | Optional | Yes | Optional |
| Hearing protection | Clip-in earmuffs | Compatible with earmuffs | Compatible with ear plugs | Clip-in earmuffs | Compatible with ear plugs |
| Eye protection | Yes | Yes | Yes | Yes | Yes |
| Cape/hood types | Dupont™ Tychem® 2000 Dupont™ Tychem® 4000 Zytec® FR | Fire retardant | n/a | Dupont™ Tychem® 2000 Dupont™ Tychem® 4000 Zytec® FR | Dupont™ Tychem® 2000 Dupont™ Tychem® 4000 Zytec® FR |
| Assigned protection factor | 1000 | 1000 | 25 | 1000 | 1000 |
| Ideal for | Heavy industry, ship building, rail industry. | All production welding. | All production welding no grinding necessary. | Arc spraying and grinding. | Light grinding applications. |
| Top-rated feature | Removable weld visor, hard hat. | Lightweight, weight distribution. | ADF clarity. | Can be used for multiple applications. | Lightweight. |



Z-LINK+[®] RESPIRATOR

**MULTI-PURPOSE HEAVY
INDUSTRY PROTECTION**





MULTI-PURPOSE HEAVY INDUSTRY PROTECTION

The RPB® Z-Link+® is the result of extensive user testing in demanding welding environments. As a welding professional, you will benefit from increased comfort and productivity, leaving you with more energy to enjoy life's best moments.

As the Z-Link+® clips directly onto your main visor, you can seamlessly weld with crystal-clear vision then lift up your visor to check welds and instantly begin grinding.

The Z-Link+® includes the large RPB® ADF lens with the 1.1.1.1. rating in optical quality. The all-important fourth "1", advanced angular dependence control, guarantees uniform shading and distortion-free vision, allowing you to work comfortably and effortlessly for hours across different angles.

This is more than a respirator, it's a system, giving you full protection above your shoulders - head, face, eye, hearing* and respiratory protection.



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For more information visit rpbsafety.com/zlink+

* When used with the Quiet-Link™ system.

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TYPE C SUPPLIED
AIR RESPIRATOR

CE 0194

EN14594:2005
EN12941:1998+A1:2003+A2:2008
TH3 P R SL

ANSI Z87+

EN166:2002

HIGH VELOCITY IMPACT
FOR EYE & FACE

ANSI Z89.1

EN397:2012+A1:2012

HARD HAT PROTECTION

AS/NZS

1338.1:2012

WELDING EYE
PROTECTION

ANSI Z87W

EN379:2003+A1:2009

WELDING EYE
PROTECTION



MADE IN THE USA

FROM LOCAL & GLOBALLY SOURCED COMPONENTS



SUPERIOR COMFORT

The first padded, multi-purpose respirator on the planet. The fully-adjustable helmet padding system gives you total control of the helmet and head placement.

The optional Comfort-Link™ system provides extra stability and comfort.

Shown without cape for visual purposes only.





PRODUCT DETAIL

The Z-Link+® includes certified head, eye, hearing* and respiratory protection.

Visor lifter to easily raise and lower the welding visor. □

Replaceable impact lens and removable ADF lens. □

Adjustable comfort-fit padding system for optimum weight distribution. □

Choice of 5 anti-fog and scratch resistant ANSI Z87+ visors (EN166): Premium Clear, Green Tint (Shade 5), Yellow Tint, Black Tint and Mirror Tint. □

Visor hinges open. □

Vision-Link™ light mount point. □

□ Optional magnifying lens available.

□ Large welding auto darkening filter with a 1.1.1.1 rating. The fourth 1 is the all important angular dependency.

□ The Z-Link+® weld visor weighs only 13.8 ounces (390g) including ADF.

□ ANSI Z89.1 certified head protection (EN397).

□ For extended periods of grinding the visor is easily removed at the hinge points.

□ 3 cape materials available: Tychem® 2000, Tychem® 4000 or Zytex® FR.

□ Fixed jaw ensures secure cape attachment.



ADD-ONS



QUIET-LINK™
Ear defender system.



COMFORT-LINK™
Padding system.



COMMS-LINK™
In-helmet communication system.



VISION-LINK™
Helmet lighting system.

* When using the Quiet-Link™ ear defender system.

US Patent No. US D788,991 S.

Z4™ RESPIRATOR

FABRICATION
INDUSTRY PROTECTION





FABRICATION INDUSTRY PROTECTION

Designed with the primary focus on comfort, the RPB® Z4™ is as light as a feather, yet tough as steel. The most ergonomically balanced welding respirator available, you'll benefit from less aches and strains and have more fuel in the tank to enjoy life's best moments.

The Z4™ comprises of a crystal-clear grinding visor and a flip-up welding visor which you can lift to check welds and instantly begin grinding. Clip-in shade 5 side windows offer maximum peripheral vision. These can be switched out for window blockers which are also included in the standard package.

The Z4™ is fitted with our large ADF lens boasting an optical quality rating of 1.1.1.1 with the all-important fourth "1". Advanced angular dependence control guarantees uniform shading and distortion-free vision, allowing operators to work comfortably across different angles as required.

To further increase your comfort and stability, the Z4™ can also be fitted with the Comfort-Link™ padding system.

For more information visit rpbsafety.com/z4



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TYPE C SUPPLIED
AIR RESPIRATOR

CE 0194

EN12941:1998+A1:2003+A2:2008
TH3 P R SL

ANSI Z87+

EN166:2002
AS/NZ 1337.1

HIGH VELOCITY IMPACT
FOR EYE & FACE

AS/NZS

1338.1:2012

WELDING EYE PROTECTION

AS/NZS

CONFORMS TO
AS/NZS 1716:2012

ANSI Z87W

EN379:2003+A1:2009

WELDING EYE
PROTECTION



MADE IN THE USA

FROM LOCAL & GLOBALLY SOURCED COMPONENTS



DUAL AIR DISTRIBUTION SYSTEM

The patent pending dual air distribution system delivers 75% to your breathe zone via a multi-directional outlet. The remaining 25% is directed over the grinding visor to prevent fogging.

Shown without hood for visual purposes only.





PRODUCT DETAIL

Optional magnifying lens available. □

Flip up welding visor for optimum vision during grinding. □

Comfortable multi-adjustment head suspension system. □

Clear replaceable grinding lens - ANSI Z87+ approved (EN166). □

Lightweight helmet 28.4 ounces (805g) with ADF and cape. □

Vision-Link™ light mount point. □

Aerodynamic shell designed for greater fume deflection. □

□ Replaceable impact lens and removable ADF lens.

□ Large auto darkening welding lenses with a 1.11.1 rating.

□ Optional side windows.

□ Comfort-Link™ padding system (optional).

□ Optional FR breathing tube cover.

□ Quick fit bayonet lens replacement.

□ Breathing tube holder on cape to stabilize helmet.

□ Streamlined air direction - the operator can adjust the direction of airflow with the dual air deflector.

□ FR rated head cover and cape.



ADD-ONS



COMFORT-LINK™
Padding system.



COMMS-LINK™
In-helmet communication system.



VISION-LINK™
Helmet lighting system.

Z3™ RESPIRATOR

WELDING PROTECTION

RPB®



WELDING PROTECTION

As the predecessor to the new Z4™, the RPB® Z3™ combines respiratory protection with leading optical technology.

Advance your workplace safety with a product that boasts a range of unique design and engineering features. The Z3™ can withstand extreme temperatures without distortion due to the high performance nylon shell construction. The adjustable airflow disperser means that you can operate in a comfortable and fume-free breathing zone.

The Z3™ includes our large ADF lens boasting an optical quality rating of 1.1.1.1 with the all-important fourth "1". Advanced angular dependence control guarantees uniform shading and distortion-free vision, allowing operators to work comfortably across different angles as required.



For more information visit rpbsafety.com/z3

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TH3 P R SL

AS/NZS
1338.1:2012
WELDING EYE
PROTECTION

AS/NZS
CONFORMS TO
AS/NZS 1716:2012

ANSI Z87W
EN397:2003+A1:2009
WELDING EYE
PROTECTION



ADJUSTABLE AIR FLOW

Adjustable air direction for maximum comfort.



PRODUCT DETAIL

Aerodynamic shell designed for greater fume deflection. □

Easily replaced face seal. □

Optional magnifying lens available. □

Enlarged mouth and nose area to reduce CO accumulation. □

□ Center positioned air inlet brings air to the breathe zone.

□ Lightweight helmet 26.6 ounces (755g) with ADF.

□ Breathing tube bracket to balance the helmet.

□ Heat reflecting, light gray shell manufactured from high temperature impact nylon.

□ Smooth rounded edge for additional comfort.



ADD-ONS



HARD HAT

Z-LINK® RESPIRATOR

HEAVY INDUSTRY PROTECTION





HEAVY INDUSTRY PROTECTION

The RPB® Z-Link® is more than a product. It's a system. From welding (with the Z-Link+®) to grinding, the Z-Link® is the most versatile multi-purpose respirator on the planet. Designed with your comfort in mind, the Z-Link® ensures you'll have more energy to enjoy life's best moments.

The Z-Link®'s large visor enables you to operate with a widened perspective. It features exceptional downward and peripheral vision combined with a visor that hinges open so you can easily communicate outside the work environment. With 5 lens options (including a shade 5 lens), the Z-Link® is perfect for arc spraying.

To further increase your comfort and stability, the Z-Link® can also be fitted with the Comfort-Link™ padding system.

This is more than a respirator, it's a system, giving you full protection above your shoulders - head, face, eye, hearing* and respiratory protection.



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For more information visit rpbsafety.com/zlink

* When used with the Quiet-Link™ system.

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National Institute for
Occupational Safety and Health
NIOSH
TYPE CE SUPPLIED
AIR RESPIRATOR

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EN397:2012+A1:2012
HARD HAT PROTECTION

AS/NZS

CONFORMS TO
AS/NZS 1716:2012

MADE IN THE USA

FROM LOCAL & GLOBALLY SOURCED COMPONENTS



SUPERIOR COMFORT

The first padded, multi-purpose respirator on the planet. The fully-adjustable helmet padding system gives you total control of the helmet and head placement.

The optional Comfort-Link™ system provides extra stability and comfort.

Shown without cape for visual purposes only.





PRODUCT DETAIL

The Z-Link® includes certified head, eye, hearing* and respiratory protection.

Visor lifts open. □

Air deflector for airflow adjustment. □

Fixed jaw ensures secure cape attachment. □

Vision-Link™ light mount point. □

* When using the Quiet-Link™ ear defender system.

US Patent No. US D802,117 S.



□ Choice of 5 anti-fog and scratch resistant ANSI Z87+ visors (EN166): Premium Clear, Green Tint (Shade 5), Yellow Tint, Black Tint and Mirror Tint.

□ ANSI Z89.1 certified head protection (EN397).

□ Adjustable comfort-fit padding system for optimum weight distribution.

□ 3 cape materials available: Tychem® 2000, Tychem® 4000 or Zytac® FR.

Visor shown open for marketing purposes only. Do not open your visor in the work environment.



ADD-ONS



QUIET-LINK™
Ear defender system.



COMFORT-LINK™
Padding system.



COMMS-LINK™
In-helmet communication system.



VISION-LINK™
Helmet lighting system.

Z100™ RESPIRATOR

LIGHTWEIGHT
GRINDING PROTECTION





LIGHTWEIGHT GRINDING PROTECTION

The RPB® Z100™ respirator is a cost-effective lightweight solution for a variety of industries and applications including grinding and brazing.

Manufactured from RPB® Zytec® fabric the Z100™ is a lightweight hood that offers superior comfort in comparison to conventional grinding shields, or tight-fitting full-face respirators. The hood protects your entire head, eliminating the need for any additional head protection.

Additionally, users with facial hair commonly convert to this loose-fitting respirator, without jeopardizing or compromising respiratory protection.



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ANSI Z87+
EN166:2002

HIGH VELOCITY IMPACT
FOR EYE & FACE

AS/NZS
CONFORMS TO
AS/NZS 1716:2012

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SAVE TIME & MONEY

With the loose-fitting Z100™ respirator, there is no need for fit testing, saving you time and money while maintaining OSHA compliance.





PRODUCT DETAIL

Loop allows for easy storage. □

Quick release breathing tube clip provides security and is easily replaced. □

Extra tuck-in collar to direct the airflow over the upper body, providing additional comfort. □

□ Air duct directs the airflow to the operator's breathing zone.

□ Large ANSI Z87+ certified lens (EN166), providing excellent peripheral and downward vision.

□ Optional peel-off lenses available.

□ RPB® Zytac® flame resistant material designed for use in extreme environments.



ADD-ONS



HARD HAT

POWERED & SUPPLIED AIR

AIR SUPPLY OPTIONS





THE PX4 AIR® PURIFYING RESPIRATOR

The RPB® PX4 Air® is a robust and versatile Powered Air Purifying Respirator (PAPR) that provides clean breathing air to your RPB® respirator.

The PX4 Air® is ergonomically designed and is lighter in weight to reduce fatigue over long work shifts.

Optimizing your safety, comfort and portability, you'll benefit from clean breathing air without the restriction of attached airlines, providing complete flexibility to move around as the job requires.



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NIOSH
TYPE C SUPPLIED
AIR RESPIRATOR

CE 0194
EN12941:1998+A1:2003+A2:2008
TH3 P R SL

AS/NZS

CONFORMS TO
AS/NZS 1716:2012

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LED DISPLAY

The LED display shows battery life and fan speed. When flow is below the minimum requirements the unit alerts you by an audible and vibrating alarm.





PRODUCT DETAIL

Highly efficient filter cartridge provides maximum filtration. □



3 filter stages: spark arrestor, pre-filter and HE filter.

Electronic calibration to ensure optimum airflow. □

The ultra quiet fan operates at a noise level as low as 65dba. □

□ Audible and vibrating alarm when flow is below the minimum requirements.

□ Ergonomically designed, contouring to the operator's lower back.

□ Two belt options available: standard webbed belt or the Nomax® FR rated belt for use in spark environments.

□ Ultra-efficient multi-speed German built fan.

□ Lightweight at just 40.5 ounces (1150g) includes battery, belt and filters.

□ Long lasting battery life - up to 10 hours on a single charge.



SUPPLIED AIR

The RPB® fabrication range can be connected to compressed air using the following components:



GX4® GAS MONITOR

Have complete confidence in the air you and your team breathe with the GX4®, an intelligent gas monitor that has the ability to detect up to 4 gases simultaneously.



RADEX® AIRLINE FILTER

The Radex® Airline Filter exceeds industry filtration standards so you can be assured that you and your team won't suffer the consequences of breathing contaminated air.



C40™ CLIMATE CONTROL DEVICE*

The C40™ can heat and cool your supplied air as desired. With the slide of a lever, you can switch from heating to cooling ensuring you are always comfortable. The C40™ can cool the incoming air by up to 52°F (29°C) and heat it by up to 33°F (18°C).



* Other flow devices available.

PROTECTING YOU FOR LIFE'S BEST MOMENTS®

Easily control your temperature with the slide of a lever. □

Made from lightweight, robust materials - weighs 11.6 ounces (329g), includes belt. □

Air inlet swivels 360° to sit comfortably on your hip. □

INCREASE PRODUCTIVITY

Increase your productivity with the C40™ Climate Control Device. A patented system that can cool your incoming air by up to 52°F (29°C) or heat it by up to 33°F (18°C).

Exhausted air is directed away from your body, eliminating the need for a heat shield. □

US Patent No. US 9,599,372.

⚠ WARNING PRODUCT SELECTION

- 1. Determine what type of protection is required for your activity.**
As applicable, check your workplace safety program, respiratory protection program, and standards and regulations for your activity or industry.
 - 2. Check product specifications.** Contact RPB® or check the product instruction manual (downloadable from rpbsafety.com) for complete specifications, including approvals, standards, and regulations to which the product conforms.
 - 3. Make sure you have a complete system.** Verify that you have or are purchasing all required components. System requirements are available from RPB® or in product instruction manuals.
- Selecting inappropriate or incomplete equipment, including the use of counterfeit or non-RPB® parts, can result in inadequate protection and will void the NIOSH approval of the entire respirator.**

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