

Z-Link® respirator



Protecting you for life's **best** moments.

TECHNICAL DATA SHEET

GVS-RPB.COM

Approvals & Standards

ISO9001
CERTIFIED COMPANY

NIOSH
APPROVED
TYPE C PAPR & SAR

ANSI
S3.19
HEARING PROTECTION
Only in conjunction with 18-533 earmuffs.

Z89.1
HARD HAT PROTECTION
Type 1 Class C

Z87+
EYE & FACE PROTECTION

PRODUCT CERTIFICATION



BSI Certified Product

AS/NZS 1716:2012
BMP# 714303
RESPIRATORY PROTECTION

AS/NZS 1801:1997
BMP# 714306
HARD HAT PROTECTION
Not all configurations conform to this standard.
Please visit gvs-rpb.com for more details.

AS/NZS 1337.1:2010
BMP# 714304
EYE & FACE PROTECTION

CE 2797
UK CA 0086

EN14594:2005 3B
EN12941:1998
+A2:2008 TH3/2 P R SL
RESPIRATORY PROTECTION
See instruction manual for protection levels.

EN352-3:2002
HEARING PROTECTION
Only in conjunction with 18-533 earmuffs.

EN397:2012+A1:2012
HARD HAT PROTECTION

EN166:2001 CLASS 1 BT 9 3
EYE & FACE PROTECTION

EN ISO 11612: 2015 CLAUSE 7.4 LEVEL D3
MOLTEN ALUMINUM SPLASH
Only when used with Zytect®

EN 14325: 2018 CLASS 6
ABRASION RESISTANCE
Only when used with Zytect®



Certified Model
Modèle certifié

CSA Z94.3-15
EYE & FACE PROTECTION
Class 7D Respirator Facepiece
PROTECTION DES YEUX ET DU VISAGE
Masque respiratoire classe 7D



16-010-21 - Z-Link with optional 16-810-IR5 lens

Comms-Link™ in-helmet communication system	16-922
IR Shade 5 lens (other lenses available)	16-810-IR5
FR Breathing Tube Cover	04-854

Package numbers

Part #

Breathing tube, PAPR or flow device sold separately.

NIOSH Powered Air - PX5®

Z-Link with Tychem® 2000 Face Seal	16-018-12
Z-Link with Zytect® FR Face Seal	16-018-11-FR
Z-Link with Zytect FR Shoulder Cape	16-018-21-FR

NIOSH Supplied Air (includes breathing tube and C40™)

Z-Link with Tychem® 2000 Face Seal	16-015-12
Z-Link with Zytect FR Face Seal	16-015-11-FR
Z-Link with Zytect FR Shoulder Cape	16-015-21-FR

CE/AS/NZS Powered Air - PX5

Z-Link with Tychem® 2000 Face Seal	16-018-12-CE
Z-Link with Zytect FR Face Seal	16-018-11-CE
Z-Link with Zytect FR Shoulder Cape	16-018-21-CE

CE/AS/NZS Supplied Air

Z-Link with Tychem® 2000 Face Seal	16-020-12
Z-Link with Zytect FR Face Seal	16-020-11
Z-Link with Zytect FR Shoulder Cape	16-020-21

(additional configurations are available)

The RPB Z-Link is a multi-use powered or supplied air loose-fitting respirator, covering a number of different industrial applications where there is a need for respiratory, eye, face, head, and hearing protection.

This respirator does not require face fit testing.

Type description

Loose fitting continuous flow supplied air respirator or powered air purifying respirator.

The Z-Link offers a number of optional accessory items, including:

Accessory Item	Part #
Z-Link+® Weld Visor accessory	16-670
Quiet-Link™ Ear Defender system (under the cape so user maintains APF 1000(US)/TH3 (EU) respiratory protection)	18-533
Vision-Link™ helmet light	16-901

Z-Link® respirator



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Required components

- Z-Link respirator head-top
- Cape, face seal, or chin seal
- Breathing tube
- Flow control device and breathing airline, or RPB PAPR

Required Component Options

Breathing airlines		Part #
NIOSH		
RPB	25ft Breathing Airline	NV2028
	50ft Breathing Airline	NV2029
	100ft Breathing Airline	NV2027
Schrader	25ft Breathing Airline	04-342-25
	50ft Breathing Airline	04-342-50
	100ft Breathing Airline	04-342-100
RZ	25ft Breathing Airline	04-352-25-RZ
	50ft Breathing Airline	04-352-50-RZ
	100ft Breathing Airline	04-352-100-RZ
Standard hoses max working length - 300ft Max working pressure - 300psi		
RPB	15ft recoil hose*	04-412-15
	25ft recoil hose*	04-412-25
Schrader	15ft recoil hose*	04-442-15
	25ft recoil hose *	04-442-25
Recoil hose max working length - 1 hose Max working pressure - 300psi		
CE/AS/NZS		
CEJN	7.5m Breathing Airline	04-322-25
	15m Breathing Airline	04-322-50
	30m Breathing Airline	04-322-100
Max working length - 90m Max working pressure - 20.7bar		
Refer to instruction manual for more detail		
Flow control devices		Part #
NIOSH	C40™ Climate Control Device	03-501
	Constant Flow Valve	03-101
	PX4 AIR PAPR	03-901
	PX5 PAPR	03-801
	HX5™ PAPR	03-601
CE/AS/NZS	C40 Climate Control Device	03-502
	Constant Flow Valve	03-102
	PX4 AIR PAPR	03-901-G
	PX5 PAPR	03-801-G

Fittings and couplers

NIOSH	RPB Quick Connect
	Schrader Twist Connect
	RPB RZ Quick Connect
CE/AS/NZS	CEJN 342 Double Action Safety Coupler

Breathing Tubes	Part #
Supplied Air	04-833
Powered Air	04-831
Powered Air - short for backpack	04-841

Cape options	Part #
Zytec FR Face Seal	16-711
Zytec FR Shoulder Cape	16-721
Tychem® 2000 Face Seal	16-712
Tychem® 2000 Shoulder Cape	16-722
Tychem® 4000 Face Seal	16-713
Tychem® 4000 Shoulder Cape	16-723
Zytec FR Chin Seal (Reduced APF)	16-731

Accessories & Consumables

Accessories	Part #
Z-Link+ clip on weld visor assembly	16-670
Vision-Link helmet mounted light	16-910
Quiet-Link in-helmet mounted ear defenders	18-533
Comms-Link in-helmet communication	16-922
Comfort-Link™ helmet padding system	16-520-T
FR breathing tube cover	04-814

Safety lens options	Part #
Safety Lens Anti-Fog/Anti-Scratch	16-810
Mirror Tinted Anti-Fog	16-810-MT
Smoke Tinted Anti-Fog/Anti-Scratch	16-810-ST
Infrared (Shade 5)	16-810-IR5
Yellow Tinted Anti-Fog/Anti-Scratch	16-810-YT
Tear-off Lens	16-811

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Specifications

NIOSH

PAPR MODEL	APPARATUS MODEL	ASSIGNED PROTECTION FACTOR (APF)
PX5, HX5, PX4 AIR	Shoulder Cape or Face Seal	1000+
PX5, HX5	Chin seal	500+

CE/AS/NZS

PAPR MODEL	APPARATUS MODEL	DEVICE CLASSIFICATION EN 12941
PX5	Shoulder Cape	TH3
PX5	Face Seal	TH2
PX5	Chin Seal	TH2
PX4 AIR	Shoulder Cape	TH3
PX4 AIR	Face Seal	TH3

CE/AS/NZS SAR Protection

3B

Materials

Nylon	Injection molded parts
Polyurethane foam	Silencer foam, comfort padding
Polystyrene	Impact absorber
Polypropylene	Visor
MDPE	Head suspension
Polycarbonate	Safety lens
Tychem® 2000	Cape, face seal
Tychem® 4000	Cape, face seal with sealed seams
Zytec	Cape, face seal, chin seal

The Z-Link is latex free.

Noise rating

NRR: 25 / SNR 33 (when used with the 18-533 ear defenders)

NRR: 41 (when used with the 18-533 ear defenders and NRR31 rated earplugs)

Operating temperature

14°F to 140°F / -10°C to 60°C

Storage temperature

14°F to 113°F / -10°C to 45°C <90%RH

Weight

Z-Link with Tychem® 2000 neck seal and no side pads 1.95lbs (0.88kg)

Z-Link with FR neck seal and no side pads 2.10lbs (0.95kg)

Z-Link with FR shoulder cape and no side pads 2.35lbs (1.07kg)

Application ranges (including but not limited to the following)

Metal cutting/grinding, brazing, fettling, thermospray/metalization, sanding, painting (automotive, industrial, fire proofing), welding, concrete cutting, aggregate, pharmaceutical, healthcare, chemical and foundry applications.

Warranty

1 year. Conditions apply, visit gvs-rpb.com/legal for full details.



Employers

Read the Z-Link and the flow control device instruction manuals and carry out the employer responsibilities.

Provide the manuals to all users.

Product users

Read the Z-Link and the flow control device instruction manuals and follow the product user safety instructions.

Manuals are regularly updated.

Current version of manual and for other languages:

gvs-rpb.com/resources

Contact

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