



# Technical Data Sheet

## RPB® Breathing Airlines

### DESCRIPTION

The RPB Breathing Airlines are for supplying breathing air to Supplied Air Respirators (SAR). These airlines are high quality, durable airlines with several quick connect fitting options. These airlines are approved to be used with RPB's supplied air respirators and are required by NIOSH to make complete respirator assembly.

Several industry standard quick connect fittings are available along with RPB's own RZ fittings designed to only connect to RZ couplers to insure the respirator is connected to the breathing air source.

RPB Breathing Airlines come in 3 types:

- Standard - 3/8in (9.5mm) - 25ft (7.5m), 50ft (15m), 100ft (30m)
- Recoil - 3/8in (9.5mm) - 15ft (4.5m), 25ft (7.5m)
- Low Pressure - 1/2in (12.7mm) - 50ft (15m), 100ft (30m)

Refer to the Breathing Air Pressure Table in the respirator instruction manual for which airlines are approved with that respirator, the number of sections, lengths, and required air pressure.

### APPROVALS & STANDARDS

**ISO9001**  
CERTIFIED COMPANY



CE 2797  
UK CA 0086  
EN14594:2005 3B/4B

PRODUCT CERTIFICATION  
  
BSI Certified Product  
AS/NZS 1716:2012  
BMP# 714303



Standard airline with RPB Quick Connect fittings shown.



Low Pressure airline with Low Pressure Quick Connect fittings shown.



Recoil airline with RPB Quick Connect fittings shown.

Protecting you for life's best moments.





# Technical Data Sheet

## RPB® Breathing Airlines

### AIRLINE OPTIONS

Breathing airlines		Part #
<b>NIOSH</b>		
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
Low Pressure	50ft Breathing Airline	NV2035
	100ft Breathing Airline	NV2036
Standard hoses maximum 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
*When fully extended Recoil hose maximum working length - 1 hose Maximum working pressure - 300psi		
<b>CE/AS/NZS</b>		
CEJN	7.5m Breathing Airline	04-322-25
	15m Breathing Airline	04-322-50
	30m Breathing Airline	04-322-100
Maximum working length - 90m Maximum working pressure - 20.7bar		
Refer to instruction manual for more detail		

### Fittings and couplers

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

### SPECIFICATIONS

#### Materials

PVC	Tubing
Polyester	Reinforcing
Steel	Fittings
Nickle	Plating on fittings

The breathing airlines are latex free.

#### 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

25' (7.5m) 3/8" (9.5mm) airline	4.1lbs / 1.9kg
50' (15m) 3/8" (9.5mm) airline	7.5lbs / 3.4kg
100' (30m) 3/8" (9.5mm) airline	14.0lbs / 6.4kg
50' (15m) 1/2" (12.7mm) airline	9.0lbs / 4.1kg
100' (30m) 1/2" (12.7mm) airline	18.0lbs / 8.2kg
15' (4.5m) 3/8" (9.5mm) recoil airline	1.6lbs / 0.73kg
25' (7.5m) 3/8" (9.5mm) recoil airline	2.3lbs / 1.04kg

#### 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.

Protecting you for life's best moments.





# Technical Data Sheet

## RPB® Breathing Airlines

### Warranty

1 year. Conditions apply, visit [rpbsafety.com/legal](https://rpbsafety.com/legal) for full details.



### Employers

Read the respirator and the flow control device instruction manuals and carry out the employer responsibilities.

Provide the manuals to all users.

### Product users

Read the respirator and the flow control device instruction manuals and follow the product user safety instructions.

Manuals are regularly updated.

### Current version of manuals and for other languages:

[rpbsafety.com/resources](https://rpbsafety.com/resources)

### Contact

RPB Safety - Global Headquarters  
2807 Samoset Rd, Royal Oak, MI 48073, USA

T: 1-866-494-4599

E-mail: [sales@rpbsafety.com](mailto:sales@rpbsafety.com)

[www.rpbsafety.com](https://www.rpbsafety.com)

*Protecting you for life's best moments.*

