



Technical Data Sheet

RPB® NOVA 2000® Respirator

DESCRIPTION

The NOVA 2000® is a fully padded, supplied air, loose fitting, heavy industry respirator designed for abrasive blasting and other industrial applications where there is a need for respiratory, eye, face, and head protection.

This respirator does not require face fit testing.

The NOVA 2000® offers a number of optional accessory items, including:

	Part #
NOVA 2000® TALK™ in-helmet communication system	09-900
Tear-off lens system	NV2017
Blast jacket (2 sizes)	
Leather cape	

Type Description

Loose fitting continuous flow supplied air respirator.

Package numbers

	Part #
NIOSH NOVA 2000® with Std. Nylon Cape, Breathing Tube, Flow Control Valve	NV2000
CE/AS/NZS NOVA 2000® with Std. Nylon Cape, Breathing Tube, Constant Flow Device	NV2000-CE

(additional configurations are available)

Required components

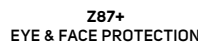
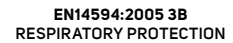
- NOVA 2000® respirator head-top
- Cape or blast jacket
- Breathing tube
- Flow control device and breathing airline

Application ranges (including but not limited to the following)

Abrasive blasting, metal cutting/grinding, fettling, thermospray/metallization.



APPROVALS & STANDARDS



CONSUMABLES

Required Lenses

	Part #
Inner lens	NV2018
Outer lens	NV2031
Tear-off lens	NV2017

For Metal Spray

Tinted inner lens	NV2018-T
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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-
	50ft Breathing Airline	25-RZ
	100ft Breathing Airline	04-352-
		50-RZ
		04-352-
		100-RZ
Low Pressure	50ft Breathing Airline	NV2035
	100ft Breathing Airline	NV2036

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

*NIOSH approval pending
 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

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

Flow control devices Part

NIOSH	C40™ Climate Control Device	03-501
	Cool Tube	4000-01
	Hot Tube	4000-20
	Flow Control Valve	NV2016
	Constant Flow Valve	03-101
	Low Pressure Constant Flow	03-106
CE/AS/NZS	Constant Flow Valve	03-102
	PX4 AIR® PAPR	03-901-G

Cape options Part

Nylon Cape	NV2002
Extra Length Nylon Cape	NV2002XL
Leather Cape	NV2002L
Blast Jacket XL	NV2002HB-XL
Blast Jacket XXL	NV2002HB-XXL



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SPECIFICATIONS

Assigned Protection Factor

NIOSH	APF 1000+
CE/AS/NZS	APF 40 NPF 500

Materials

Nylon	Injection molded parts, cape
Polyurethane foam	Silencer foam, comfort padding
Polystyrene	Impact absorber
Polyethylene	Helmet shell
Polycarbonate	Inner lens
A-PET	Outer lens
PETG	Tear-off lenses
Butonal	Cape coverband
Nickel Plated Steel	Latch

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

NOVA 2000® with nylon cape	3.65lbs / 1.66kg
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Warranty

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



Employers

Read the NOVA 2000® and the flow control device instruction manuals and carry out the employer responsibilities.

Provide the manuals to all users.

Product users

Read the NOVA 2000® 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:

[rpbsafety.com/respirators/nova-2000](https://www.rpbsafety.com/respirators/nova-2000)

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