



# 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

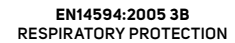
- NOVA 2000 respirator head-top
- Cape or blast jacket
- Breathing tube
- Flow control device and breathing airline

#### 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
<b>For Metal Spray</b>	
Tinted inner lens	NV2018-T

Protecting you for life's best moments





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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	04-352-25-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 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

#### 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
CE/AS/NZS	Low Pressure Constant Flow	03-106
	Constant Flow Valve	03-102

#### 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/resources](https://www.rpbsafety.com/resources)

#### Contact

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