



# Technical Data Sheet

## RPB® NOVA 1® Respirator

### DESCRIPTION

The NOVA 1 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 1 offers a number of optional accessory items, including:

	Part #
NOVA TALK™ in-helmet communication system	09-900
Tear-off lens system	02-816
Leather cape	NV3-752
C40™ Climate Control Device	03-502

### Type Description

Loose fitting continuous flow supplied air respirator.

### Package numbers

	Part #
NOVA 1 with Std. Nylon Cape, Constant Flow Valve	NV1-01-50

(additional configurations are available)

### Required components

- NOVA 1 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

**ISO9001**  
CERTIFIED COMPANY

**CE 2797**

EN14594:2005 3B  
RESPIRATORY PROTECTION

EN397:2003+A1:2009  
HARD HAT PROTECTION  
IMPACT CLAUSES

EN166:2001 CLASS 1B  
EYE & FACE PROTECTION



AS/NZS 1716:2012  
BMP# 714303  
RESPIRATORY PROTECTION

AS/NZS 1801:1997  
BMP# 714306  
HARD HAT PROTECTION

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

### CONSUMABLES

#### Accessories

	Part #
NOVA TALK™ in-helmet communication system	09-900

#### Lens options

	Part #
Inner lens	02-810
Tinted inner lens	02-810-T
Outer lens	02-811-015
Tear-off lens	02-816



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### REQUIRED COMPONENT OPTIONS

#### Breathing airlines Part #

CE/AS/NZS		Part #
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

CE/AS/NZS	Part #
CEJN	342 Double Action Safety Coupler

#### Flow control devices Part #

C40™ Climate Control Device	03-502
Constant Flow Valve	03-102

#### Cape options Part #

Std. Nylon Cape	NV3-750
Extra Length Nylon Cape	NV3-751
Leather Cape	NV3-752
Extra Length Leather Cape	NV3-753
Blast Jacket XL	NV3-754
Blast Jacket XXL	NV3-755



#### Employers

Read the NOVA 1 and the flow control device instruction manuals and carry out the employer responsibilities.

Provide the manuals to all users.

#### Product users

Read the NOVA 1 and the flow control device instruction manuals and follow the product user safety instructions.

Manuals are regularly updated.

### SPECIFICATIONS

#### Assigned Protection Factor

CE/AS/NZS	APF 40 NPF 500
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#### 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
Santoprene	Cape coverband

#### 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 1® with nylon cape	4.3lbs / 1.95kg
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#### Warranty

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

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

[rpbafety.com/resources](http://rpbafety.com/resources)

#### Contact

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Protecting you for life's best moments

