



Protector

TECHNICAL DATASHEET

RFF1000 FULL FACE RESPIRATOR



DESCRIPTION

The RFF1000 is a front mounted, single filter full face respirator featuring a unique semi-spherical visor design that offers unrestricted, optically sound vision.

The visor is moulded in polycarbonate and hard coated to offer excellent solvent and scratch resistance.

The face seal is liquid silicone rubber (LSR) injection moulded, which provides a highly flexible seal making it easy to rapidly achieve an efficient and comfortable fit. LSR is hypo-allergenic to prevent skin reaction and is more durable than conventional silicone.

The inner mask is an essential part of the respirator airflow management system which directs inhaled air onto the visor to prevent misting and directs exhaled

air through the exhalation valve. It is moulded in non-dermatitic TPE with a matt finish which prevents reflective glare on the inside of the visor.


The respirator also features 2 inhalation valves, a 5-point adjustable rubber harness with quick release moulded buckles, a standard 40mm thread front filter fitting and a speech diaphragm.

The RFF1000 full face respirator provides low breathing resistance, uninhibited speech transmission and the lightweight construction minimises wearer fatigue. An optional poly-net head harness is also available.

TECHNICAL DATASHEET



TECHNICAL SPECIFICATIONS

RFF1000	
	
Facepiece	Liquid Silicone Rubber (LSR)
Inner Mask	Thermoplastic Elastomer (TPE)
Visor	Polycarbonate Hard Coat (PC HC)
Head Harness	EPDM
Neckstrap	Liquid Silicone Rubber (LSR)
Valve Discs	Silicone

WEIGHT

Filter weight can vary.

COMBINATION	WEIGHT	WEIGHT WITH PF10 FILTER	WEIGHT WITH CF22 A2P3	WEIGHT WITH CF32 A2B2E2K2P3
RFF1000	630g	730g	870g	1015g

SILICONE MATERIAL PROPERTIES

FEATURE	RFF1000 FULL FACE RESPIRATOR
Mechanical Durability	Good
Chemical Resistance	
Acids	Excellent
Hydrocarbons	Average
Temperature Range	Excellent (-60...+250°C)
Steam Resistance	Good
Leak-tightness (gas & vapour impermeability)	Excellent
Ozone Resistance	Excellent
Light Resistance	Good
Resistance to wear & tear	Good

TECHNICAL DATASHEET



VISOR PROPERTIES

VISOR	POLYCARBONATE HARDCOAT (PC HC)
Impact Resistance	Excellent
Scratch Resistance	Good
Maximum Heat Resistance	140°C
Chemical Resistance (Hydrocarbons)	Good

APPROVAL INFORMATION

The Protector RFF1000 full face respirator is certified to AS/NZS 1716:2012.

FILTERS

The RFF1000 has a front filter connection with a standard 40mm filter thread. RFF1000 accepts gas, particle and combined filters from the comprehensive Scott Safety Pro2000 range. The Pro2000 filters feature low breathing resistance and are light in weight.

PROTECTION FACTORS

According to AS/NZS 1715

COMBINATION	REQUIRED MIN PROTECTION FACTOR AS/NZS 1715*	MAXIMUM GAS/VAPOUR CONCENTRATION PRESENT IN THE AIR IN PPM (VOLUME)
Full Face Respirator with Particulate P3 Filter	Up to 100	
Full Face Respirator with Gas Filter Class 2	Up to 100	5000 ppm

* Refer AS/NZS 1715: Selection use and maintenance of respiratory protective equipment.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
RFF1000	RFF1000 Full Face Respirator

TECHNICAL DATASHEET



MAINTENANCE/CLEANING

Maintenance: Use only original spare parts. After use, the respirator must be checked, cleaned and disinfected. Replace damaged parts.

* when needed

COMPONENT	WORK TO BE DONE	INTERVALS			
		Before Use	After Use	Annual	Every 5yrs
Mask Complete	Cleaning		•	•	
	Disinfection		•	•	
	Test for function & leak-tightness	•	• *	•	
	Pre-use check done by the user	•			
	Replacement head harness, buckles, inner mask & other parts		• *		
Faceseal	Replace		• *		
Inner Mask	Replace		• *		•
Exhalation & Inhalation valve	Check		• *	•	
	Replace		• *	•	
O-Rings	Replace			•	

Cleaning: Use a lukewarm water and mild detergent (neutral pH 6-8). Do not use solvents (like turpentine, acetone), hot water or bleaching agents (like Perborate, Percarbonate). After cleaning, disinfect the inside/faceseal with a disinfection solution eg, Distel.

STORAGE

The RFF1000 full face respirator should be protected from direct sunlight, grease and oil. The store should be dry and cool. The components should not be more than 5 years old.

Storage of respirator: -10°C...+50°C, and relative humidity (RH) under 75%.

Storage of respirator and filters: -10°C...+30°C, max RH 75%. After use, an opened filter must be sealed tightly if it is to be reused, but it must be replaced within 6 months at the latest.

Storage and maintenance of a filter: The filters are sealed in plastic bags by the manufacturer. Store the filters unopened in a clean place at even temperature, most appropriate at 0...+30°C and relative humidity below 75%. Sealed filters tolerate also conditions of -10...+50°C and below 95% RH. The storage period (month and year) for filters is marked on the filter tape. Do not try to regenerate the filters. Never clean the filters with compressed air or compressed water. After use, the filters are special refuse. Make sure that they are disposed of according to the filtered substance (gases or particles) in accordance with current waste treatment regulations.

DISPOSAL

As the respirator & filters are subject to dirt, dusts and liquids etc, they cannot be recycled. If the product is to be disposed of, it should be dismantled from the respirator and disposed of as solid waste. Please see local authority regulations for disposal advice and locations.