



MaxiGuard Full Face Respirator Chemical Kit

PRODUCT DATA SHEET

ITEM CODE: R690CK

Product Overview

- **Facepiece Type:** Full face respirator
- **Filtration Efficiency:** P2
- **Connection Type:** Bayonet
- **Fit Testing Required:** Yes
- **Mask Materials:** Silicone mask, Polycarbonate lens
- **Filter Materials:** Plastic Polypropylene
- **Valve:** Yes
- **Packaging Materials:** Polypropylene
- **Filter Expiry:** 5 years from the date of manufacture
- **Country of Origin:** China



Applications

- | | |
|--|---|
| <ul style="list-style-type: none"> • Chemical handling & manufacturing • Spray painting • Emergency services • Handling animals • Spraying pesticides | <ul style="list-style-type: none"> • Automotive and Fibreglass industry • Agriculture industry • Petrochemical industry • Asbestos removal industry • Smelter plants |
|--|---|

Kit Contains

- 1 x MaxiGuard Full Face Respirator
- 1 x R703-ABEKP2 Chemical/Particle filters
- 5 x EHW449 (5 wipes)
- 1 x R680PLC – 5 lens cover
- 1 x CONT5500 Plastic container

Standards and Certification



CE
2056
EN 136:1998

Storage

Filters should be stored in a dry place, away from contaminants. Avoid levels of high humidity, >70%. Do not expose the product to direct sunlight or heat, >50°C. After use, place filters back in their packaging or a hermetic bag. Do not store the filters in the hermetic bag or container.

Packaging

Size	Code	Box Qty	Carton Qty
Medium	R680CK-M	1	4
Large	R680CK-L	1	4

Spare Parts & Accessories

Code	Description
R690-L	MaxiGuard Silicone Large Full-Face Mask only, Large
R680-M	MaxiGuard Silicone Full Face Mask only, Medium
EHW449	Maxisafe Hygiene Wipes
R680PLC-5	MaxiGuard Full Face Mask Lens Cover
R701-A1	MaxiGuard A1 Organic Vapour Cartridge
R701-A1P2	MaxiGuard A1 Gas & P2 Filter Combo
R703-ABEK1	MaxiGuard ABEK Gas Filter Cartridge
R703-ABEK1P2	MaxiGuard ABEK Gas & P2 Filter Combo
R7N11-P2	P2 Prefilter to suit MaxiGuard Respirators
R510	Prefilter Holder
R2000-P3C	P3 Carbon Particulate Filter
R680PLC-5	MaxiGuard Full Face Mask Lens Cover
R680-FRS-5	Orange Filter Ring Seal
RGG-CS	Spectacle Holder to suit Full Face Respirator
R7500EV-5	Exhalation Valve to suit R7500
R7500IV-5	Inhalation Valve to suit R7500
R680-RH	R680/R690 MaxiGuard Replacement Harness

Warnings:

- Facial hair can potentially compromise the seal of the respirator
- Ensure adequate oxygen levels are present
- Ensure the respirator is suitable for the application and all the contamination is known and adequately met
- Replace when taste, smell or the breathing resistance is high

Contaminants						
0.0001-0.001µm	0.001-0.01µm	0.01-0.1µm	0.1-1.0µm	1.0-10µm	10-100µm	100-1000µm
		Atmospheric dust				
		Welding fume			Industrial dust	
				Cutting fumes/dust		
				Glass fibres		
				Asbestos		
				Textile dust		
Molecule				Bacteria		Pollen
		Viruses				Cement dust
		Tobacco smoke				Coal dust
			Oil mist		Soot	

Types of Gas Filters

Each filter is designated by a letter or chemical abbreviation indicative of the substance or group of substances against which protection is intended. A class number indicates the level of absorption capacity. If a filter is a combination of types, it shall meet the requirements of each type separately.

The designation of filter type shall comply with one or a combination of the following:

Type A – For use against certain organic gases and vapours as specified by the manufacturer.

Type B – For use against certain inorganic gases and vapours as specified by the manufacturer (excluding carbon monoxide).

Type E – For use against sulphur dioxide and other acid gases and vapours as specified by the manufacturer.

Type G – For use against certain organic compounds with vapour pressures less than 1.3 Pa (0.01 mm Hg) at 25°C as specified by the manufacturer. These filters shall have an integral particulate filter with an efficiency at least equivalent to that of a P1 filter.

Type K – For use against ammonia and organic ammonia derivatives as specified by the manufacturer.

Type AX – For use against low boiling point organic compounds as specified by the manufacturer (boiling point less than 65°C).

Type NO – For use against oxides of nitrogen.

Type Hg – For use against metallic mercury.

Type MB – For use against methyl bromide.

Specific chemical type – For use against one or more specific chemicals not falling into any of the above type descriptions. The filter is identified by the name of that chemical. Additional particulate filtration may be provided.

Colour codes for different types of filters	
Type	Colour code
A	Brown
B	Grey
E	Yellow
K	Green
O	White
NO	Blue
Hg	Red
AX	Brown

Different classes for particle filters

P1

Class P1 – Intended for use against mechanically generated particulates of sizes most commonly encountered in industry.

P2

Class P2 – Intended for use against both mechanically and thermally generated particulates.

P3

Class P3 – Intended for use against all particulates including highly toxic materials. Can only be achieved with a full-face respirator or PAPR system.

How long does the filter last?

The service life of a filter depends on its size (active surface of particle filter media and/or volume of charcoal), conditions of use and following factors:

- Type, characteristics, and concentration of the contaminants
- Breathing volume and work rate
- Air humidity
- Temperature

The minimum breakthrough times given are intended only for laboratory tests under standardized conditions. They do not give an indication of the possible service time of the filter in practical use. Possible service times can differ from the breakthrough times determined according to this document in both directions, positive and negative depending on the conditions of use.

Click [here](#) to access our filter selection guide.