

# PROMASK COMBI AIRLINE FULL FACE MASK

## DESCRIPTION

The Promask Combi – continuous flow compressed airline system is designed to meet the requirements of EN 14594 "Respiratory protective devices. Continuous flow compressed airline breathing apparatus. Requirements, testing, marking."

The Promask Combi incorporates a positive pressure full face mask in accordance with EN 136; featuring a faceblank with wide T-profile sealing edge, transparent silicone inner mask, panoramic visor; fully adjustable 5-point natural rubber (NR) head harness with quick-release plastic buckles; right side bayonet connector for compressed air supply; a breathing hose; left side 40mm thread connector (to EN 148-1) for a filter connection including an inhalation valve.



The faceblank is made from a specially engineered halo-butyl compound. The Promask Combi is available in two sizes: M general size and S small size. The visor is available in 2 material choices: polycarbonate and polycarbonate HC = hard-coated, for scratch resistance.

Promask Combi includes a special adapter for connection to a compressed air supply and a breathing hose. The system needs to include the Scott Airline FCV regulator and be connected via a compressed-air hose to the source of compressed air.

The Promask Combi CA full face mask is fitted with a self-closing connector. When entering and leaving the contaminated area, the connector can be detached from the FCV valve and the left side connector fitted with a suitable 40 mm thread standard filter (Pro2000).

The continuous flow compressed airline full face mask is designed to operate with breathable quality air from an industrial compressed air network or a compressor. Air is delivered to the face piece via the breathing hose.

## PROMASK COMBI

### THE COMPRESSED AIR LINE FULL FACE MASK

Characteristic	CA FFM Promask Combi
EN Standard:	EN 14549
Approval:	Class 4B *) CE Certificate No: 1565 by Inspec NB No:0194, 19.01.2007.
Face piece:	Full face piece, Halo-Butyl elastomer
CA valve:	FCV Airline valve and belt
Flow rate min - max	180 - >300 l/min
Weight	
Mask:	600 g
Regulator + belt + hose:	700 g
Inward leakage of facepiece (%)	max 0.05 %
Breathing resistance:	
- Inhalation resistance	max 4.5 mbar
- Exhalation resistance	max 10 mbar
CO <sub>2</sub> -content inside mask%	max 1.0%

\*) EN 14594 Classification of device types

Class	Maximum Inward Leakage %
1A and 1B	10,00
2A and 2B	2,00
3A and 3B	0,50
4A and 4B	0,05

- Class 4A devices shall incorporate either a full face mask in accordance with EN 136 or a hood/helmet/suit.
- Class 4B devices shall incorporate a full face mask in accordance with EN 136 or apparatus suitable for use in abrasive blasting operations.
- Apparatus for use in abrasive blasting operations shall only conform to Class 4B.

### Accessories for Promask Combi

#### AIRLINE FCV REGULATOR INCLUDING BELT

The belt mounted regulator enables the user to adjust the air flow to ensure optimum comfort.

Air flow:	minimum 180 l/min maximum > 300 l/min
Air supply pressure:	7.5 bar
Warning facility:	Low flow whistle on regulator
Operating temperature range:	+4 to +50 °C
Filter:	Residual odour filter

#### PVC SUPPLY HOSE FOR AIRLINE FCV:

Available in 3m, 10m, 15m, 20m and 30m with CEN couplings

Connectors: Rectus 95/96 series

Material, hose: PVC

**ANTISTATIC SUPPLY HOSE FOR AIRLINE FCV**

Available in 3m, 10m, 15m, 20m and 30m with CEN couplings

Connector type: Rectus 95/96 series

Scott Health & Safety offer filter units to provide breathable quality air for one or two users:

**AIRLINE FILTER UNITS**

**AFU300** One user Airline filter unit (3 stage) cw frame and one CEN outlet coupling for 300l/min+ filtered air flow.

**AFU600** Two user Airline filter unit (3 stage) cw frame and two CEN outlet couplings for 600l/min+ filtered air flow.

**TECHNICAL SPECIFICATIONS OF THE SCOTT COMPRESSED AIR-LINE SYSTEM**

Working pressure	max 10 bar
Working temperature *)	from +4 °C to +50 °C

\*) This equipment is intended for use in temperatures +4° C ... +50° C. If used at below +4° C excessive moisture in the compressed air may cause freezing

**Continuous flow FCV Airline regulator**

Working pressure	max 10 bar
Minimum flow	180 l/min
Maximum flow	>300 l/min

**Compressed airline filtering unit AFU300 and AFU600**

Max recommended operating pressure	10 bar
Normal inlet pressure range	5 – 8 bar
Recommended temperature range	0 - 40 °C
Remaining oil content less than	0.00 3mg/m <sup>3</sup> at 21°C
Particle removal	0.01 µm
Inlet connections	1/2" BSP parallel female thread
Outlet connections	as above, fitted with replaceable CEJN pattern self sealing socket coupling(s)

**Minimum and maximum length of supply hose**

PVC hose	3 m – 30 m
Anti-static hose	3 m – 30 m