

**EMERGENCY ESCAPE
BREATHING APPARATUS****FAST~cowl
BACK MOUNTED EEBA**

The FAST-cowl is a positive pressure, self-contained, open circuit, compressed air Emergency Escape Breathing Apparatus (EEBA) body worn, back mounted harness assembly.

Instantly activated when the cowl face mask is deployed from the waist belt pouch, the head harness automatically inflates at the same time as purging the cowl of any traces of hazardous gas.

With rapid and simple donning in less than 10 seconds, placing the face mask onto the face immediately creates a seal which automatically deflates the self-tensioning head harness and switches the demand valve regulator to positive pressure breathing.

Certification and Approvals

CE marked to EN 402:2003 – Notified Body CE2797

EMERGENCY ESCAPE BREATHING APPARATUS

The Cam Lock positive pressure demand FAST-cowl face mask, provides high protection factor performance to all personnel including those with facial hair/beards.

The FAST-cowl system minimises the 'Time to Protect' personnel with its rapid face mask donning in less than 10 seconds – a considerable risk reduction capability.

PROTECTION FACTORS: FAST-cowl face mask

SWPF (Simulated Workplace Protection Factors)	5th Percentile
Women and Clean-Shaven Men	677,000
3-day Stubble	658,000
Full Beard	493,000

Mean and 95th percentile figures for all 3 groups both resulted in a SWPF of 1,000,000
OSHA: Assigned Protection Factor (APF) 10,000

TECHNICAL SPECIFICATIONS

Order Code	FASC-H-15-LW
Composite Cylinder	200 bar
Weight	5.2kg
Donning Speed	< 10 seconds
Nominal Duration	15 mins
Thermal Operation	15°C to +60°C
Face mask Positive Pressure	1.7 to 5.9 mbar

MATERIALS SPECIFICATIONS

Item	Materials
Face Mask Moulding	Chloroprene, natural rubber blend
Face Mask Visor	Polycarbonate
Face Mask Head Harness	Flame retardant polyester sleeve with internal silicone tube
Demand Valve Assembly	Glass filled nylon
Medium Pressure Supply Hose	Reinforced EPDM
EEBA Back Harness	Anti-static FR Polyester

PACKING SPECIFICATION

Order Code	Length	Width	Depth	Weight
FASC-H-15-LW	61.5 cm	28 cm	25.5 cm	5,5 kg

FAST~cowl BACK MOUNTED EEBA



Standard head harness with orange tracer for head circumferences less than the 95th percentile



Extra Large (XL) head harness with green tracer for head circumferences above the 95th percentile $\geq 600\text{mm}$

Reference: ISO/TS 16976-2:2015 Respiratory Protective Devices – Human Factors – Part 2: Anthropometrics

