



# 3M™ ELSA Emergency Life Support Apparatus

## Description

The 3M™ Scott Safety ELSA constant flow breathing apparatus is an escape breathing apparatus which provides a constant supply of air for rapid escape from hazardous industrial and marine environments.

The ELSA is simple and quick to operate, reliable and robust in use, ensuring maximum protection in an escape situation.

The ELSA is available in durations of 15 minutes in high visibility PVC or black anti-static polyurethane materials. The ELSA apparatus consists of a cylinder with combined cylinder valve and reducer, supply hose to constant flow hood and storage bag.

The ELSA is activated upon opening the bag whereby a pin which is attached to the bag via a strap is released.

## Applications

The 3M™ Scott Safety ELSA is suitable for use in Marine or Industrial Escape settings for escape use only.

## Standards

The ELSA by 3M™ Scott Safety is certified to AS/NZS 1716:2012.

The ELSA is also CE marked in accordance with EN1146 with EC/686/86.

The ELSA is also Lloyd's Marine approved (MED Shipswheel).

## Operation/Cleaning/Service/Training

Users need to be trained in the safe operation of this equipment. Routine checks must be carried out in accordance with the user instructions. Cleaning should also only be carried out as specified in the user instructions.

For training requirements please contact 3M Training Department on Phone: 1800 445 867 or Email: anzfallprotectiontraining@mmm.com

All servicing must be carried out by trained personnel who have been trained and are deemed competent by the manufacturer and hold a current 3M/ Scott Safety SCBA technician's certificate.

For Annual SCBA Servicing requirements please contact 3M|Scott fire & Safety Service department on Phone: 131 772 or Email: scbaservice@mmm.com



## Storage

The apparatus must be stored in a clean dry environment away from direct heat and sunlight. Storage temperature should not exceed -10°C to +40°C.

## Disposal

Decontaminated equipment should be dismantled and disposed of as solid waste. Empty cylinders should be treated as special waste and disposed of according to local and state guidelines.

## Specifications

Pressure Reducing Valve	Nickel Plated Brass
Rust Tube	Brass
Reducing Valve Seat	Polyamide (Nylon)
O-Rings	Nitrile, Silicone, EPDM, Viton
Reducing Valve Springs	Stainless Steel
HP Pressure Gauge	Stainless Steel, Polycarbonate Lens
HP Pressure Gauge Cover	Neoprene
MP Air Supply Hose Fittings	Nickel Plated Brass
Air Hood	Polyurethane coated viscose with clear PU visor
MP Air Supply Hose	Chlorinated Polyethylene, fabric braid reinforcement, Nitrile Liner
Carrying Bag	PVC coated Nylon (Anti-static - Polyurethane)
Strap Buckles	Polyamide
Cylinder	Steel

Stainless Steel Swivel Hose	
Medium Pressure Hose	
Maximum working pressure	16 bar
Minimum burst pressure	80 bar
Static Positive Pressure	10 - 4.0 mbar

Weights/Dimensions	
15 minute Bag Version	
Weight	5.3 kg
Length	520 mm
Width	340 mm
Depth	135 mm

## Carrying Bag

The carrying bag is made of PVC coated nylon. This is coloured for high visibility and is both flame retardant and chemical splash resistant. There is an anti-static option for working in potentially explosive atmospheres and this is made of polyurethane. The bag can be worn across the chest, as a bandolier or worn with an optional waist belt.

## Hood

The constant flow hood is manufactured from polyurethane coated viscose. This is flame retardant and coloured for high visibility. This provides a stretch material for a comfortable fit combined with an elastomeric neck seal giving ease of donning over spectacles, beards and long hair. The optionally clear bubble visor is made from polyurethane. The mask has an exhale valve for increased performance and a compact ¼ mask reduced rebreathed CO<sup>2</sup> levels.

## Packaging Information

Product	Dimension	Weights
15 minute bag version	52 × 30 × 15 cm	6.5 kg

## Ordering Information

Scott Code	3M Code	Description
2009419	AT010782012	ELSA 15 Minute Escape Set With Cylinder, empty (NZ Code)
2009419	AT010699992	ELSA 15 Minute Escape Set With Cylinder (AU Code)

## Important Notice

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**3M Australia Pty Ltd**  
**Personal Safety Division**  
 Bldg A, 1 Rivett Road  
 North Ryde NSW 2113  
 TechAssist Helpline: 1800 024 464  
 Customer Service: 1300 363 565  
 Email: techassist@mmm.com  
 Web: www.3M.com/au/ppesafety

**3M New Zealand Ltd**  
**Personal Safety Division**  
 94 Apollo Drive, Rosedale  
 Auckland 0632  
 TechAssist Helpline: 0800 364 357  
 Customer Service: 0800 252 627  
 Email: techassist@mmm.com  
 Web: www.3M.com/nz/ppesafety

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