



SCOTTTM
Fire & Safety

3MTM FLITE COV Supplied Air Respirator



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FLITE COV is a positive pressure Supplied Air Respirator that also provides emergency respiratory protection and escape capability allowing the user to enter hazardous atmospheres including those identified as immediately dangerous to life or health (IDLH).

If needed, the switch to the emergency air supply cylinder is accomplished by an automatic change over valve greatly simplifying response to a stressful situation.

The unit also features a flame retardant polyester harness with stainless steel buckles, combined cylinder and pressure reducing valve assembly and a rugged mask-mounted demand valve with automatic first breath activation.

The FLITE COV is versatile and can be used in applications like confined space entry, hazardous materials handling and any number of general maintenance tasks in a wide variety of industries including chemical, petrochemical, oil & gas and public utilities.



Product Highlights

In the event of an interruption of air flow from the primary supply source switchover to emergency cylinder air supply is immediately activated by the automatic change over valve to facilitate safe egress. Warning whistle informs user switch has been made to cylinder air.

- Combined cylinder and pressure reducing valve features a locking hand wheel that remains locked in the open position against inadvertent shutting and a pressure gauge
- Compressed air steel cylinders are provided in 10 and 15 minute durations with a 10 minute superlight carbon composite version also offered
- CEJN type coupling as standard; other connections available.
- Features the time-proven Scott Tempest Demand Valve with low inspiratory resistance, automatic first breath activation and responsive dynamic performance
- The unit is comfortable and extremely simple to operate and maintain
- The FLITE COV meets all requirements and is certified to current EN 14593-1:2005 and EN 402:2003 standards (AS/NZS1716:2012)

Related Products



Modulair Airline Trolley



Vision 3 Face Mask



Promask Face Mask

Complete Sar Systems

The FLITE COV can be integrated with a series of other 3M™ provided products such as the Modulair airline trolley that accommodates various compressed air cylinder quantities and sizes and a wide range of facemask options, to build a complete supplied air system. Numerous accessories are also available to maximise system functionality.

Demand Valve

The compact 3M™ Tempest Demand Valve has proven its utility in thousands of global positive pressure breathing apparatus applications. It features servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility.

Cylinder Options

- 10-minute 200 bar alloy steel; 400 litre free air capacity, empty weight 3.5 kg
- 15-minute 200 bar alloy steel; 600 litre free air capacity, empty weight 5.6 kg
- 10-minute 300 bar superlight carbon fibre; 540 litre free air capacity, empty weight 2.3 kg

FLITE COV is approved for use with the 3M™ Vision 3 and Promask PP full facemasks. These masks feature ori-nasal inner mask to minimize carbon dioxide dead space and prevent visor misting, polycarbonate visor, fully adjustable, 5-point web, or net head harness, quick fit DV connector for the Tempest, reflex face seal and speech diaphragm.



Ordering Information

3M™ FLITE COV Supplied Air Respirator		
Scott Code	3M Order Code	Description
2031077	XP100148376	Flite COV Airline Breathing Apparatus comprising Tempest DV, supply hose and pigtail with CEJN coupling, bandolier harness and facility to connect escape cylinder
2031535	XP100148707	200 bar 10 minute charged steel cylinder complete with pouch and reducer/hose
2031537	XP100148723	200 bar 15 minute charged steel cylinder complete with pouch and reducer/hose
2031539	XP100148749	300 bar 10 minute charged superlight carbon fibre composite cylinder complete with pouch and connection hose
1071671	XP100071271	Vision 3 Positive pressure Facemask, medium/large, left DV, rubber head harness
013190	XP100544202	Promask Positive Pressure Facemask, medium/large, left DV, rubber head harness



SCOTT™
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