**SCBA, ESCAPE & AIRLINE**

There are moments in our customers’ lives when danger fundamentally changes the task at hand. But the work must continue.

In these moments, safety is everything and what matters becomes very clear: the right equipment, the right plan and the right partner. Someone by their side, giving them the confidence to move forward and finish the job....That’s Scott Safety.

**THE IMPORTANCE OF COMFORT**

Ergonomically focused designs are on the increase. SCBA sets need to be comfortable, allow movability, and provide weight distribution that reduces the stress on the industrial professional or firefighter.

Comfort in many cases equates to less weight. This is why Scott Safety has introduced the ACS (Advanced Carrying System) range.

Scott Safety’s ACS represents a major advancement in SCBA carrying systems. It is significantly lighter than any other carrying system and offers the wearer the ultimate in comfort and flexibility, combined with the highest standards of performance.

**RANGE HIGHLIGHTS:**

- Soft and rigid backplates
- High performance pneumatics
- Choice of face masks
- Carbon fibre or steel cylinder options
- Multiple escape set options
ABOUT SCBA
SELF CONTAINED BREATHING APPARATUS

WHAT IS A SCBA SYSTEM?
Scott Safety SCBA is an open circuit, self contained, compressed air breathing apparatus. It consists of a backplate, pneumatic system, containing a cylinder connector, reducer, pressure gauge, whistle and demand valve.
Scott Safety SCBA can be configured in a number of different ways with various size cylinders, facepieces and back plates. There are also a range of attachments available including Airline (AC), split demand valve couplings (SDC) and Y-Pieces (Y2C).
The SCBA is used in conjunction with a range of composite or steel cylinders and the choice of Vision 3 or Promask PP full face masks.

SELECTING RESPIRATORY PROTECTION
AS/NZS 1715:2009 provides a basis for the selection of respirators, training in use, check for fit and provides for the care and maintenance of equipment to help ensure an effective respirator program is in place.

SERVICE & MAINTENANCE
• Scott Safety breathing apparatus should be checked at intervals laid down in the user instructions, and should be serviced in accordance with manufacturer instructions detailed in the service schedule.
• Only trained personnel who hold an in-date Scott Safety Certificate, should check and maintain Scott Safety breathing apparatus.
Scott Safety’s ACS represents a major advancement in SCBA carrying systems. It is significantly lighter than any other carrying system and offers the wearer the ultimate in comfort and flexibility, combined with the highest standards of performance.

The ACSf and ACSfx are specifically designed as Class 2 Professional Firefighter SCBA. They are also suitable for providing protection for any immediately dangerous to life or health (IDLH) environments.

**Product Features:**

- Lightweight Thermoflex™ backplate for greater comfort, flexibility and reduced wearer fatigue
- Adjustable padded shoulder straps
- Reflective thread for visibility
- Easy decontamination (machine washable)
- Whistle warning unit
- Pressure gauge with luminous face
- Approved with 200 & 300 Bar cylinders
- Ergonomically moulded to fit the spine and back muscles
- First breath activated positive pressure demand valve
- 50% Kevlar/PYROGUARD blend harness
- Certified to AS/NZS 1716:2012
The Scott Safety ACSfx is the flagship SCBA set of the ACS range. Offering the highest levels of protection, the ACSfx builds upon the success of the Scott Safety Propak and represents the future of Self Contained Breathing Apparatus.

**Product Features:**
- Lightest Adjustable BA set in its class
- Proven Tempest first breath Demand Valve
- Removable high performance pneumatics
- Machine washable for easy decontamination
- Easy upgrade path
- Mask & cylinders purchased separately
- Swivel movement and height adjustable waist belt
- Fully adjustable, padded body harness
- Adjustable padded waist band featuring quick release buckle
- Certified to AS/NZS 1716:2012
- Approved to EN137:2006 (Class 2 - Professional Firefighting / MED Shipswheel), incorporating the stringent flame engulfment test

The Scott Safety ACSf was developed for the Professional Firefighter Service, offering high levels of comfort and performance. Built upon the success of the Scott Safety Propak SCBA, the ACSf integrates Thermoflex™ technology and a reliable two-stage pneumatic system to ensure the high quality and performance.

**Product Features:**
- Extremely lightweight backplate
- Proven Tempest first breath Demand Valve
- Removable high performance pneumatics
- Machine washable for easy decontamination
- Easy upgrade path
- Adjustable waistband featuring quick release buckle
- Mask & cylinders purchased separately
- Certified to AS/NZS 1716:2012
- Approved to EN137:2006 (Class 2 - Professional Firefighting / MED Shipswheel), incorporating the stringent flame engulfment test
The Scott Safety ASCi builds upon the successes of the Contour SCBA range, combining comfort and performance with low through-life costs. The ACSi integrates Thermoflex™ technology and revolutionary pneumatics systems to result in a high quality SCBA product.

Weighing approximately 2kg the ACSi is unparalleled amongst modern SCBA.

**Product Features:**
- Extremely lightweight backplate
- Proven Tempest first breath Demand Valve
- Removable high performance pneumatics
- Machine washable for easy decontamination
- Easy upgrade path
- Includes backplate, harness & detachable pneumatics
- Mask & cylinders purchased separately
- Adjustable padded shoulder straps and padded body harness
- Padded waist band with quick release buckle
- Certified to AS/NZS 1716:2012
- Approved to EN137:2006 (Class 1 MED Shipswheel)
The Scott Safety Sigma ACSm is an economical SCBA set giving the same high levels of protection as the ACSi but packaged as a simple and effective solution for use in industry, shipping and other non-firefighting environments. The Sigma ACSm has been built upon the success of the Sigma 2 SCBA, but with the technological advancements of the ACS range.

**Product Features:**
- Extremely lightweight backplate
- Proven Tempest first breath Demand Valve
- Removable Thermoflex™ high performance pneumatics
- Machine washable for easy decontamination
- Easy upgrade path
- Includes backplate, harness & pneumatics
- Mask & cylinders purchased separately
- Adjustable shoulder straps & waistband featuring quick release buckle
- Certified to AS/NZS 1716:2012
- Approved to EN137:2006 (Class 1 - MED Shipswheel)

The Scott Safety Sigma ACSm Compliance Kit is set to become the industry standard carrier for SCBA in marine and industrial environments. Suitable for general industry, short duration confined space entry work and rescue, petrochemical, oil and gas applications.

**Product Features:**
- Packaged in a SCBA carry bag
- Sigma ACSm SCBA (backplate, harness, pneumatics)
- Cylinder (6.8L 300 bar)
- Promask PP Left Quick Fit (LQF) full face mask
- Cylinders supplied charged/full
- Certified to AS/NZS 1716:2012
- Approved to EN137:2006 (Class 1 - MED Shipswheel)
SIGMA 2
SIMPLE, EFFECTIVE SOLUTION FOR INDUSTRY

The Sigma 2 is an economical SCBA set giving the same high levels of respiratory protection as the Scott Safety Contour, but has been packaged to provide a simple and effective solution for use in industry, shipping and other non-firefighting environments.

Product Features:

• Ergonomically designed backplate and polyester webbing harness
• Fully adjustable cylinder band allows full range of cylinders to be used
• Easy maintenance and low through life costs
• Proven high performance pneumatic system
• Compact first breath activated demand valve with bypass
• Flame retardant webbing with Kevlar cylinder band
• Compatible with a choice of full face masks - Scott Safety Promask PP or Vision 3
• Corrosion resistant Nickel plated components
• Simple operation for users
• Mask & cylinders purchased separately
• Approved to EN137:1993
CONTOUR 100
LIGHTWEIGHT HIGH PERFORMANCE SCBA
WITH KEVLAR BLEND HARNESS

Designed primarily for the industrial market for use with a Scott Safety Promask PP or Vision 3 full face mask the Contour 100 is a lightweight high performance set suitable for industrial use.

The Contour 100 offers exceptional levels of performance, comfort and reliability with low through-life costs.

The Scott Safety Contour 100 offers top increased user comfort due to the ergonomic backplate and Kevlar blend webbing.

Product Features:
• Kevlar blend non-padded webbing harness (Contour 100)
• Ergonomically designed, strong and lightweight injection moulded backplate
• Flame retardant webbing
• Mask & cylinders purchased separately
• Certified to AS/NZS 1716:2012
• Approved to EN137:2006 (Class 1 - MED Shipshweel)

CONTOUR 300
HIGH PERFORMANCE, 100% KEVLAR CYLINDER BAND

Designed primarily for the industrial market for use with the Scott Safety Promask PP or Vision 3 full face mask, the Contour 300 is a lightweight high performance set suitable for industrial use.

The Scott Safety Contour 300 offers top levels of user comfort due to the ergonomic backplate and padded Kevlar blend webbing.

Product Features:
• 100% Kevlar padded webbing harness
• Ergonomically designed, strong and lightweight injection moulded backplate
• Flame retardant webbing with Kevlar cylinder band
• Mask & cylinders purchased separately
• Certified to AS/NZS 1716:2012
• Approved to EN137:2006 (Class 1 - MED Shipshweel)
PROMASK PP
POSITIVE PRESSURE LEFT QUICK FIT

The Scott Safety Promask PP (Positive Pressure) LQF (Left Quick Fit) full face mask is manufactured from halo-butyl (non-dermatatic). The Promask features a wide lens for extended field of vision. The front mounted speech diaphragm provides easy communication with colleagues.

The Promask PP is suitable for the Scott Safety range of SCBA and airline apparatus.

**Product Features:**
- Halo-Butyl positive pressure full facepiece
- Non-dermatitic
- Hard coated lens
- Standard rubber harness
- Voice amplifier and radio comms available
- LQF (Left Quick Fit) standard demand valve connection
- Variety of sizes for improved fit
- Certified to AS/NZS 1716:2012
The Scott Safety Vision 3 positive pressure, left quick fit full face mask features a unique Toroidal visor for unparalleled and improved vision.

The Vision 3 features a multi-curvature visor made of scratch and impact resistant polycarbonate material with a scratch resistant coating providing excellent panoramic vision. The face mask features a left hand side bayonet connection for the demand valve with an option of an additional right quick fit port to take a communications interface if required.

**Product Features:**

- Left Quick Fit demand valve connection
- Rubber and net head harness options
- Non-dermatitic liquid silicone outer mask
- TPE inner mask
- Hard coated anti-scratch visor
- Excellent speech transmission
- Voice amplifier and radio comms available
- Variety of sizes for improved fit
- Certified to AS/NZS 1716:2012

The Full Face masks (Promask PP or Vision 3) used with the Scott Safety SCBA or Escape sets have a high performance demand valve ensuring that positive pressure is maintained within the facepiece, thus providing the highest level of respiratory protection.
CARBON FIBRE
LIGHTWEIGHT

Scott Safety’s carbon fibre cylinders provide a lightweight solution for containing the air required by breathing apparatus.

The reduction in weight lowers the user burden leading to more effective air use and less strain on the wearer.

Carbon fibre wrapped cylinders are fitted with a valve and safety locking hand wheel.

**Product Features:**
- Suitable for Scott Safety SCBA and Scott Safety Modulair Airline Trolley.
- Constructed of an aluminium alloy inner shell and overwrapped entirely with carbon-fibre, fibreglass and epoxy resin.
- Cylinder liner is coated with aluminium oxide to protect against moisture and corrosion.
- Available with right angle valve (RAV) or T Valve
- 6.8L 300 Bar or 9L 300 Bar
- Supplied charged/full
Scott Safety steel cylinders are a robust and cost effective solution in some applications.

**Product Features:**
- Complete with safety locking hand wheel.
- Available in a variety of sizes and pressures.
- Supplied charged/full
ELSA
RAPID 10/15 MIN ESCAPE FROM HAZARDOUS ENVIRONMENTS

The Scott Safety ELSA (Emergency Life Support Apparatus) is designed for rapid escape from hazardous industrial and marine environments. Reliable and simple to operate the ELSA is trusted by thousands of users across the world.

**Product Features:**
- Automatic activation – a constant flow of air is provided upon opening the ELSA bag
- Integrated warning whistle for depleted air
- Easily rechargeable and reusable
- Unique cuboid hood with elastomeric neck seal for easy donning and excellent visibility
- Hood design enables it to be worn by those with beards or glasses
- Cylinders provided charged/full
- Marine Equipment Directive (MED Shipswheel) approved
- Certified to AS/NZS 1716:2012
FLITE
POSITIVE PRESSURE AIRLINE/ESCAPE BREATHING APPARATUS

The Scott Safety Flite is a first breath activated positive pressure airline breathing apparatus with the option of hip mounted 10 and 15 minute compressed air cylinder supply for escape from the most hazardous environments.

Ideal for extended working, restricted access areas, working in confined spaces, with the reassurance of an emergency supply of air.

Product Features:
• Simple operation
• Adjustable and padded webbing bandolier harness for comfort and safety
• Used with Scott Safety Promask PP or Vision 3 full face masks
• Optional hip mounted escape cylinders
• Mask and cylinders purchased separately
• Certified to AS/NZS 1716:2012
The Scott Safety Modulair Airline Trolley System provides a portable compressed air supply system for users of airline breathing apparatus.

The Modulair is available in 2 and 4 cylinder versions, 2 and 4 wearer versions and with optional extras such as airline filter units and electronic low pressure alarms.

**Product Features:**

- Ideal when working in restricted access areas
- Pressure reducer systems utilise the same robust and proven technology as Scott Safety SCBA
- Welded stainless steel tubular frame for robustness and corrosion resistance
- Compact and portable
- High performance pneumatics
- Hose reel will hold 90 metres of PVC or 60 metres of anti-static hose
- Hose, cylinder, face mask and breathing apparatus sets purchased separately
- Certified to AS/NZS 1716:2012
Scott Safety Airline hoses are made from durable black PVC, available in length up to 50 metres. They are fitted with male and female CEN type double action couplings.

**Product Features:**
- Durable black PVC
- Fitted with male & female CEN double action couplings
- Anti-static hoses available on request
- Certified to AS/NZS 1716:2012
TEST GAUGE
CYLINDER PRESSURE TESTING

The Scott Safety cylinder pressure test gauge connects to 200 or 300 bar cylinder valve outlets to check the pressure of the air inside the cylinder. (Part Number: 1023116)

IN-LINE WHISTLE
FOR AIRLINE SYSTEM

The Scott Safety Medium Pressure In-Line Whistle when placed in the airline system between the breathing hose and the user, provides a safe, clear warning should the airline pressure drop below 4 bar.

Upon hearing the audible warning the user can plan to vacate the hazardous area. (Part Number: 1023353)

Y-PIECE
TO BRANCH AIRLINE HOSE

The Scott Safety ‘Y’ piece connects and ‘branch line’ hoses enabling two workers to operate from the end of an approved hose length.

The Y piece enables a single hose to be split allowing two users to operate from it. It is supplied with one male CEN type plug to connect to the single hose and two female CEN type sockets to connect hoses into. (Part Number: 2003397)
The Scott Safety HP-RED2 with DIN fitting, is a high pressure reducer that can be used with a single 200 or 300 bar cylinder to provide medium pressure air for an airline breathing apparatus. (Part Number: 1051528)

**Product Features:**
- Operates with 200 or 300 bar cylinders
- Cylinder content gauge
- High pressure whistle
- Based on Scott Safety proven pneumatic technology

High Pressure Reducer with PIN index fitting, for use with G size medical air cylinders.

The Scott Safety HP-RED2 is a high pressure reducer that can be used with a single G size cylinder to provide medium pressure air for an airline breathing apparatus. (Part Number: 1051526)

**Product Features:**
- Operates with 200 or 300 bar cylinders
- Cylinder contents gauge
- High pressure whistle
- Based on Scott Safety proven pneumatic technology
Scott Safety, a business unit of Tyco International, is a premier manufacturer of innovative respiratory and other personal protective equipment and safety devices for industrial workers, fire and rescue services, police, military and civil defence organisations around the world. The Scott Safety product lines include self-contained breathing apparatus, supplied air and air-purifying respirators, gas detection instruments, thermal imaging cameras, air compressors, accountability systems, head, eye, hearing and face protection.

### Ordering Information

<table>
<thead>
<tr>
<th>Part No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018329</td>
<td>ACSfx SCBA – back plate, harness, pneumatics (Mask and Cylinder purchased separately)</td>
</tr>
<tr>
<td>2018328</td>
<td>ACSf SCBA – back plate, harness, pneumatics (Mask, Cylinder purchased separately)</td>
</tr>
<tr>
<td>2018416</td>
<td>ACSi SCBA – back plate, harness, pneumatics (Mask and Cylinder purchased separately)</td>
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<tr>
<td>2018412</td>
<td>Sigma ACSm SCBA – back plate, harness, pneumatics (Mask and Cylinder purchased separately)</td>
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<tr>
<td>1069113</td>
<td>Sigma 2 SCBA – back plate, harness, pneumatics (Mask and Cylinder purchased separately)</td>
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<tr>
<td>1045573</td>
<td>Contour 100 SCBA – back plate, harness, pneumatics (Mask and Cylinder purchased separately)</td>
</tr>
<tr>
<td>2025187</td>
<td>Contour 100 SCBA with Fast Fill - back plate, harness pneumatics (Mask and Cylinder purchased separately)</td>
</tr>
<tr>
<td>2025188</td>
<td>Contour 100 SCBA with Fast Fill and RSM - back plate, harness pneumatics (Mask and Cylinder purchased separately)</td>
</tr>
<tr>
<td>SCBACOMP6</td>
<td>Compliance Set Sigma ACSm SCBA with 6.8L 300 bar carbon fibre cylinder (charged/full) and 013190 Promask PP Full Face Mask</td>
</tr>
</tbody>
</table>

### FACE MASKS FOR SCBA

- 013190 Promask PP Left Quick Fit (LQF) Full Face Mask
- 1071671 Vision 3 Left Quick Fit (LQF) Full Face Mask

### CYLINDERS FOR SCBA AND ESCAPE SETS

- 1118245RAV Carbon Fibre 6.8L 300 Bar RAV (Right Angle Valve) (charged/full)
- 1118245ST Carbon Fibre 6.8L 300 Bar T Valve (charged/full)
- 2006648 Flite Steel Cylinder 2L 200 Bar 10 min (charged/full)

### ESCAPE/AIRLINE

- 2009412 ELSA 10 min escape set with cylinder and hood (charged/full)
- 2009419 ELSA 15 min escape set with cylinder and hood (charged/full)
- 1047792 Flite Airline/Escape Breathing Apparatus (Mask and Cylinder purchased separately)

### AIRLINE

- 1051844 Modular Trolley with hose reel - 2 man, 2 cylinder capacity (cylinders and hose purchased separately)
- 1051463 10 metre black PVC hose with CEN couplings
- 1051467 20 metre black PVC hose with CEN couplings
- 1051471 30 metre black PVC hose with CEN couplings
- 1051477 50 metre black PVC hose with CEN couplings

Scott Safety has developed a number of different documents to aid in selection of SCBA respiratory protection. Technical Data Sheets are available. Please contact our Customer Service Department on 131 772, email scott.sales.anz@tycoint.com or visit www.scottsafety.com for further information.