

PROPAK

SELF CONTAINED BREATHING APPARATUS RANGE



LAUNCH PACK

SCOTT
SAFETY

**THIS LAUNCH PACK CONTAINS
THE FOLLOWING MATERIALS:**

Launch Letter

Product Brochure

Flyers

Features & Benefits

Technical Datasheets

Specifications

Questions & Answers

Bid Specifications

Price List



Propak launch pack is available in the following languages:



PROPAK

Type 2 approved SCBA units with robust and rigid backplates

Dear Colleague,

Scott Safety is pleased to announce the launch of 'ProPak', a complete range of Type 2 approved SCBA units with rigid backplates which have been refined to unequalled levels of performance and user comfort. ProPak was developed after considerable research with our customers, providing a high performance set with rugged dependability whilst incorporating the latest, innovative technology. The range is set to become the industry standard carrier for SCBA in the marine, industrial and fire environments.

Why are we introducing ProPak?

- ProPak is the latest advancement in Scott Safety's SCBA technology and can be used with a diverse workforce
- It offers the wearer the ultimate in comfort for a rigid frame unit thanks to the adjustable backplate which is combined with the highest standards of performance

What's different about the range?

- Reduced user burden - the rigid backplate is lightweight and ergonomically designed to increase user comfort and ease of movement ensuring that the user is able to get on with the job at hand
- Lower through life costs and easy maintenance - ProPak components are user serviceable, low cost and easy to maintain, addressing concerns over through life costs
- Easy upgrade path - all elements of the set are designed to allow future upgrade with minimal cost
- High performance pneumatics - with ProPak no tools are necessary to remove the pneumatics reducing the down time of sets and improving operational flexibility
- Wide range of specifications - ProPak range has everything from compliance sets to a fully adjustable set for professional fire fighting
- Wide choice of Face Masks and Cylinders
- Integrated and distinctive marketing support - extensive advertising, PR and sales promotion is planned to generate awareness and encourage trial amongst end users

To arm your sales team with the necessary tools to promote this new range, we have provided this detailed launch pack that includes a product brochure, Q&A, bid specifications, product releases, press release and price list. Should you have any questions concerning this launch please do not hesitate to contact your sales territory manager or Customer Service contact.

Yours Sincerely,

Tony Pickett

Product Manager, Air Supplied

PROPAK

HIGH PERFORMANCE, RUGGED DEPENDABILITY, TRUSTED TECHNOLOGY



PROPAK

HIGH PERFORMANCE, RUGGED DEPENDABILITY, TRUSTED TECHNOLOGY

Scott Safety's ProPak range provides a complete range of Type 2 approved SCBA units with robust and rigid backplates. The four models provide a solution to meet the specific demands of the user's industry and deliver the levels of comfort required for the application ranging from basic compliance sets to adjustable and padded units for professional fire fighting.



- For over 75 years Scott Safety's innovative engineering and customer led product evolution has enabled their range of Breathing Apparatus to adapt, respond and predict the ever changing needs of users across industries.
Today millions of users worldwide trust in the proven high performance, rugged dependability and the trusted technology of Scott Safety's products. Backed by dedicated customer support, Scott Safety's SCBA is the preferred choice across fire fighters, marine and other industries.
Approved to EN137:2006 Type 2, incorporating the stringent Full Flame Engulfment Test, the ProPak range is refined to an unequalled level of performance and user comfort. Additionally the entire range is approved to the Xth amendment of the MED meaning that it has the latest approval for the Marine market.
- **HIGH PERFORMANCE**
 - Developed in response to customer feedback the range has been designed to increase comfort, improve ease of movement and reduce user fatigue. The rigid back plate is lightweight and ergonomically designed to meet these demands.
 - The entire range uses the same high performance, reliable pneumatics which provide low breathing resistance and excellent dynamic performance – particularly at low flow rates
- **RUGGED DEPENDABILITY**
 - Range of specifications available to meet the needs of different users and to withstand the applications in which they'll be used. Each set is Type 2 approved making the entire ProPak range suitable for fire fighting across different environments.
 - All components are user serviceable and low cost leading to lower through life costs, simpler maintenance, reduction in down time of sets and improved operational flexibility
- **TRUSTED TECHNOLOGY**
 - High performance, reliable pneumatics with compact first breath activated demand valve with bypass, the same pneumatics are used on each specification of the ProPak
 - A first stage pressure reducing valve features only two moving parts and accepts cylinder pressures of up to 300 bar without adjustment
 - All elements of the set are designed to allow future upgrade with minimal cost, the new ProPak range has already been designed with options to accept Scott Safety's new 379 bar cylinders which allow longer breathing duration without additional weight or size to contribute to user burden
- **RANGE OF SPECIFICATIONS**
 - ProPak-Sigma** designed specifically as a low cost, compliance set for the industrial and marine markets comprising of the same high performance, reliable pneumatics as the rest of the ProPak range.
 - ProPak-i** an SCBA unit designed for the industrial market with side arms and padded shoulder straps for increased user comfort.
 - ProPak-f** a fire fighting SCBA unit, designed for user comfort with side arms and padded shoulder straps. The quick connect option allows for change out of cylinder in seconds.
 - ProPak-fx** the ultimate in user comfort for the professional fire fighter offering all the benefits of the ProPak-f with the added feature of an adjustable back plate which means that the unit can be altered to fit the height of the wearer.



MAJOR COMPONENTS

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility.

REDUCING VALVE

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve.

PRESSURE INDICATOR & WARNING WHISTLE

Bourdon tube type dial indicator
Heat and Impact resistant polycarbonate lens

HOSES

Stainless steel swivel hose fittings
Medium pressure hose
Maximum working pressure 16 bar
Minimum burst pressure 80 bar
High pressure hose
Maximum working pressure 450 bar
Minimum burst pressure 800 bar

COMMUNICATIONS

The Sabrecom 2 is a radio communication interface designed for use with Scott Safety's range of positive pressure full facemasks. Fully integrated and ready to use the Sabrecom 2 is approved to EN136 class 3, meeting the stringent flame and radiant heat test requirements.

OPTIONS

The Scott Safety ProPak can be specified in many configurations including Duo, Split Demand Valve Coupling (SDC) and attachments for Airline, which can be used for Rescue Second Man (RSM) and Decontamination.

PNEUMATIC SYSTEM

At the heart of the ProPak set is a simple and reliable two-stage pneumatic system. A first breath activated positive pressure demand valve provides low breathing resistance and excellent dynamic performance - particularly at high flow rates. A first stage pressure reducing valve features only two moving parts and accepts cylinder pressures of up to 300 bar without adjustment. Cylinder quick connect and fast fill options are also available.



High performance, rugged dependability, trusted technology
 The complete ProPak range is approved to EN137:2006 Type 2, incorporating the stringent Full Flame Engulfment Test, meaning that whichever specification of unit you choose you can be assured that it has been refined to an unequal level of performance.

SPECIFICATIONS & ORDERING INFORMATION

PROPAK SELF CONTAINED BREATHING APPARATUS

Product Specifications

Weight

Single configuration (less cylinder)

ProPak-Sigma 2.6kg ProPak-i 2.9kg, ProPak-f 3.2kg, ProPak-fx 3.4kg

Single configuration & Facemask (less cylinder)

ProPak-Sigma 3.2kg ProPak-i 3.5kg, ProPak-f 3.8kg, ProPak-fx 4.0kg

Dimensions

Length 630mm

Width 285mm

Depth (with 6 litre 200 bar cylinder) 220mm

PROPAK

Part Number	Description	Application
ProPak-Sigma	EN137 Approved, Type 2	Marine / Industrial Fire Fighting
ProPak-i	EN137 Approved, Type 2	Industrial / Oil & Gas Fire Fighting
ProPak-f	EN137 Approved, Type 2	Fire Service / Oil & Gas Fire Fighting
ProPak-fx	EN137 Approved, Type 2	Fire Service

Approvals:

EN137:2006 Type II approved, MED (Shipwheel approved) ISO23269 (parts 2,3 & 4) approved, AS1716 approved.



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PROPAK-SIGMA

HIGH PERFORMANCE, RUGGED DEPENDABILITY, TRUSTED TECHNOLOGY



The ProPak-Sigma has been designed specifically for use as a compliance set in Marine or Industrial fire fighting environments.

The entire ProPak range has been approved to EN137:2006 Type 2, incorporating the stringent Full Flame Engulfment Test, and to the 9th amendment of the MED meaning that it has the latest approval for the Marine market.

PRODUCT HIGHLIGHTS

- EN137:2006 Type 2 MED Approved Breathing Apparatus
- Compliance set for Marine and Industrial firefighting environments
- Rigid backframe construction
- Easily removable pneumatics
- Simple to service and maintain

PROPAK-SIGMA

SELF CONTAINED BREATHING APPARATUS



Quick pull forward action allows easy in-transit adjustment of shoulder strap

Adjustable shoulder straps

Kevlar blend wrap around harness

Waistband featuring large buckles for easy operation with gloved hands and fast donning and doffing

MAJOR COMPONENTS

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility

REDUCING VALVE

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve

HOSES

Stainless steel swivel hose fittings
Medium pressure hose
 Medium working pressure 16 bar
 Minimum burst pressure 80 bar
High pressure hose
 Maximum working pressure 450 bar
 Minimum burst pressure 800 bar

PRESSURE INDICATOR & WARNING WHISTLE

Bourdon tube type dial indicator
 Heat and Impact resistant polycarbonate lens

COMMUNICATIONS

The Sabrecom2 is a radio communication interface designed for use with Scott Safety's range of positive pressure full facemasks. Fully integrated and ready to use the Sabrecom 2 is approved to EN136 class 3, meeting the stringent flame and radiant heat test requirements.

OPTIONS

The Scott Safety ProPak-Sigma can be specified in many configurations including Duo, Split Demand Valve Coupling (SDC), Y Piece (Y2C) and attachments for Airline, which can be used for Rescue Second Man and Decontamination.



Product Specifications		
Weight		
Single Configuration (less cylinder)	2.6kg	
Single Configuration and facemask (less cylinder)	3.2kg	
Dimensions		
Length	630mm	
Width	285mm	
Depth (with a 6 litre 200 bar cylinder)	215mm	
Ordering Information		
Part Number	Description	Application
ProPak-Sigma	EN137 Approved, Type 2	Marine / Industrial Fire Fighting



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PROPAK-I

HIGH PERFORMANCE, RUGGED DEPENDABILITY, TRUSTED TECHNOLOGY



The ProPak-i has been designed for use as a fire fighting set in the Industrial, Professional Fire Fighting or Oil & Gas markets.

The entire ProPak range has been approved to EN137:2006 Type 2, incorporating the stringent Full Flame Engulfment Test, and to the 9th amendment of the MED meaning that it has the latest approval for the Marine industry.

PRODUCT HIGHLIGHTS

- EN137:2006 Type 2 MED Approved Breathing Apparatus
- Compliance set for Industrial Professional Fire Fighting or Oil & Gas markets
- Rigid backframe construction
- Easily removable pneumatics
- Simple to service and maintain

PROPAK-I

SELF CONTAINED BREATHING APPARATUS



MAJOR COMPONENTS

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility

REDUCING VALVE

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve

HOSES

Stainless steel swivel hose fittings

Medium pressure hose

Medium working pressure 16 bar
Minimum burst pressure 80 bar

High pressure hose

Maximum working pressure 450 bar
Minimum burst pressure 800 bar

PRESSURE INDICATOR & WARNING WHISTLE

Bourdon tube type dial indicator
Heat and Impact resistant polycarbonate lens

COMMUNICATIONS

The Sabrecom2 is a radio communication interface designed for use with Scott Safety's range of positive pressure full facemasks. Fully integrated and ready to use the Sabrecom 2 is approved to EN136 class 3, meeting the stringent flame and radiant heat test requirements.

OPTIONS

The Scott Safety ProPak-i can be specified in many configurations including Split Demand Valve Coupling (SDC), Y-Piece (Y2C) and attachments for Airline, which can be used for Rescue Second Man and Decontamination.



Product Specifications

Weight

Single Configuration (less cylinder)	2.9kg
Single Configuration and facemask (less cylinder)	3.5kg

Dimensions

Length	630mm
Width	285mm
Depth (with a 6 litre 200 bar cylinder)	220mm

Ordering Information

Part Number	Description	Application
ProPak-I	EN137 Approved, Type 2	Industrial/Oil & Gas Fire Fighting



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PROPAK-F

HIGH PERFORMANCE, RUGGED DEPENDABILITY, TRUSTED TECHNOLOGY



The ProPak-f has been designed for use by the Fire Service or as a fire fighting set in the Oil & Gas fire fighting market.

The entire ProPak range has been approved to EN137:2006 Type 2, incorporating the stringent Full Flame Engulfment Test, and to the Xth amendment of the MED meaning that it has the latest approval for the Marine market.

PRODUCT HIGHLIGHTS

- EN137:2006 Type 2, MED Approved Breathing Apparatus
- Designed for use by the Fire Service or the Oil & Gas market
- Rigid backframe construction
- Easily removable pneumatics
- Simple to service and maintain

PROPAK-F

SELF CONTAINED BREATHING APPARATUS



Quick pull forward action allows easy in-transit adjustment of shoulder strap

Adjustable, padded shoulder straps

Kevlar & Pyrogard blend wrap around harness

Reflective webbing

Side arms for increased user comfort

Waistband featuring large buckles for easy operation with gloved hands and fast donning and doffing

MAJOR COMPONENTS

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility

REDUCING VALVE

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve

HOSES

Stainless steel swivel hose fittings

Medium pressure hose

Medium working pressure 16 bar
Minimum burst pressure 80 bar

High pressure hose

Maximum working pressure 450 bar
Minimum burst pressure 800 bar

PRESSURE INDICATOR & WARNING WHISTLE

Bourdon tube type dial indicator
Heat and Impact resistant polycarbonate lens

COMMUNICATIONS

The Sabrecom2 is a radio communication interface designed for use with Scott Safety's range of positive pressure full facemasks. Fully integrated and ready to use the Sabrecom 2 is approved to EN136 class 3, meeting the stringent flame and radiant heat test requirements.

OPTIONS

The Scott Safety ProPak-f can be specified in many configurations including Duo, Split Demand Valve Coupling (SDC), Y-Piece (Y2C) and attachments for Airline, which can be used for Rescue Second Man and Decontamination. Cylinder quick connect and fast fill options are also available.



Product Specifications		
Weight		
Single Configuration (less cylinder)	3.2kg	
Single Configuration and facemask (less cylinder)	3.8kg	
Dimensions		
Length	630mm	
Width	285mm	
Depth (with a 6 litre 200 bar cylinder)	220mm	
Ordering Information		
Part Number	Description	Application
ProPak-f	EN137 Approved, Type 2	Fire Service/Oil & Gas Fire Fighting



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PROPAK-FX

HIGH PERFORMANCE, RUGGED DEPENDABILITY, TRUSTED TECHNOLOGY



The ProPak-FX has been designed specifically to meet the demands of the Professional Fire Service offering an unequalled level of performance and user comfort through the adjustable backplate.

The entire ProPak range has been approved to EN137:2006 Type 2, incorporating the stringent Full Flame Engulfment Test, and to the 9th amendment of the MED meaning that it has the latest approval for the Marine industry.

PRODUCT HIGHLIGHTS

- EN137:2006 Type 2 MED Approved Breathing Apparatus
- Designed specifically for use by the Professional Fire Service
- Rigid backframe construction with adjustable backplate
- Easily removable pneumatics
- Simple to service and maintain

PROPAK-FX

SELF CONTAINED BREATHING APPARATUS



MAJOR COMPONENTS

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility

REDUCING VALVE

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve

HOSES

Stainless steel swivel hose fittings

Medium pressure hose

Medium working pressure 16 bar
Minimum burst pressure 80 bar

High pressure hose

Maximum working pressure 450 bar
Minimum burst pressure 800 bar

PRESSURE INDICATOR & WARNING WHISTLE

Bourdon tube type dial indicator
Heat and Impact resistant polycarbonate lens

COMMUNICATIONS

The Sabrecom2 is a radio communication interface designed for use with Scott Safety's range of positive pressure full facemasks. Fully integrated and ready to use the Sabrecom 2 is approved to EN136 class 3, meeting the stringent flame and radiant heat test requirements.

OPTIONS

The Scott Safety ProPak-FX can be specified in many configurations including Duo, Split Demand Valve Coupling (SDC), Y-Piece (Y2C) and attachments for Airline, which can be used for Rescue Second Man and Decontamination. Cylinder quick connect and fast fill options are also available.

Product Specifications		
Weight		
Single Configuration (less cylinder)		3.4kg
Single Configuration and facemask (less cylinder)		4.0kg
Dimensions		
Length		630mm
Width		285mm
Depth (with a 6 litre 200 bar cylinder)		220mm
Ordering Information		
Part Number	Description	Application
ProPak-FX	EN137 Approved, Type 2	Professional Fire Service



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FEATURES & BENEFITS

PROPAK- SELF CONTAINED BREATHING APPARATUS

FEATURE	BENEFIT
Approved to EN137:2006 Type 2 and the 9th amendment of the MED	Meets the latest, most stringent standards.
Ergonomic composite backplate	Lightweight and comfortable.
Adjustable ergonomic backplate (ProPak-FX only)	Enhanced user comfort.
Kevlar blend webbing (Kevlar & Pyrogard blend on F/FX models)	Intrinsically flame retardant.
'Tempest' demand valve	Proven design, intuitive operation, reliable.
Side connecting demand valve	A side connecting demand valve allows for an uninterrupted speech path, which enhances communication.
Hands free bypass operation	When activated no need to hold down a bypass button. Leaves hands free to do the job.
Integrated backplate hose protection	High and medium pressure hoses are channelled along the inside of the backplate. Presents snagging, increases safety, reduces maintenance.
Pivoting backplate side arms	Provides lateral support and compact storage.
U-clip or O-ring hose sealing designs	Allows easy maintenance.
Fail safe demand valve servo-mechanism	Increases safety to wearer by remaining open when failing
Fully customer serviceable reducer	Customer does not have to return unit to factory for servicing.
Rapid cylinder band adjustment	Cylinder can be changed and adjusted quickly and easily.
200/300 bar cylinder connector	Flexibility, both 200 and 300 bar cylinders can be used without adjustment to the set.
Large choice of facemasks	Number of styles and sizes to choose from. Allows accurate face fitting and user preferred comfort.
Screw in and out sintered filter	Filter can be easily changed without breaking into pneumatics.
Different diameter high and low pressure hoses and ports	Impossible to mix up hoses whilst servicing therefore increased safety.
Optional Airline attachments	Set can be specified exactly to the customer's requirements.
Split Demand Valve option	Can be used in conjunction with the Rescue/Second Man and enables simple servicing and testing.
Available with extended warranty	Peace of mind in relation to through life costs. Quality assurance that Scott has full confidence in the product.

FEATURES & BENEFITS

FEATURE	BENEFIT
Luminous and reflective labels	Increased visibility of the set in the dark.
12 year service schedule if annual dynamic test carried out	Low through life costs of apparatus.
Full range of cylinder sizes accepted	User has flexibility on set duration.
Options of 379 bar pneumatic technology	Increased duration or smaller cylinders
Pneumatics removable without use of tools	Pneumatics can be simply & easily exchanged without needing a service centre
4 different base specifications available	User can choose exactly which specification they require for their application saving the customer money through paying for only what they require
Easily changeable harnesses	User serviceable and cost effective. Harnesses can be easily removed for decontamination.
ProPak-F/FX feature reflective thread in webbing	Increases visibility of set when used in dark conditions
ProPak-FX features a 3 position adjustable backplate	Allows the set to be fitted for individuals of different height if required
Top grab handle	Provides a large handle to enable a grab point should a user require rescue
Side grab handles	Provides two handles to allow users to stay in contact with each other during use
Pneumatic and electronic gauge options	Allows user to specify exactly what pressure indicating system they require
Optional upper back pad	Allows user to specify extra pad if they require improved comfort

TECHNICAL DATASHEET

PROPAK-SIGMA - SELF CONTAINED BREATHING APPARATUS



DESCRIPTION

The Scott Safety ProPak Sigma is a Type 2 open circuit, self-contained, compressed air breathing apparatus. It consists of a back plate, unpadded carrying harness and pneumatic system, containing a cylinder connector, reducer, pressure gauge, whistle and demand valve.

The ProPak Sigma can be configured in a number of different ways with various size single cylinders. There are also a range of variants available including Airline (AC), Split Demand Valve Coupling (SDC) and Y Piece configurations (Y2C).

The ProPak Sigma is used in conjunction with a range of composite or steel cylinders and the choice of Vision 3, or Promask PP facemask.

APPLICATIONS

The ProPak Sigma is specifically designed as a Marine / Industrial Fire-fighting SCBA, but is also suitable for providing respiratory protection in any IDLH environment.

APPROVALS

CE marked in accordance with EN137:2006: Type 2

AS1716

MED (Shipswheel)

TECHNICAL DATASHEET

MATERIALS	
Pressure Reducing Valve	Nickel Plated Brass
Rust Tube (Cyls)	Brass
Reducing Valve Seat	Polyamide (Nylon)
O-Rings	Nitrile, Silicone, EPDM
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
Facemask	Neoprene, Silicone or Procomp
Facemask Visor	Polycarbonate
MP Air Supply Hose	EPDM Cover, fabric braid reinforcement, EPDM liner
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve
Valve Handwheel	Glass filled Polyamide/ TPE
Harness	Kevlar Blend Webbing
Backplate	Glass & Carbon filled Nylon composite
Backpad	Flame retardant cross linked polyolefin closed cell foam covered in a Proban fabric
Cylinder Band	Kevlar blend webbing with Velcro
Strap Buckles	Glass filled polyamide
Cylinder	Steel or Composite
Cylinder Valve	Nickel Plated Brass
Demand Valve Casing	Glass filled Polyamide

MAINTENANCE/CLEANING/SERVICING

N.B. - Cleaning should only be carried out as specified in the user instructions. Maintenance and servicing must only be performed by trained personnel following the procedures in the Service and Maintenance manual.

TECHNICAL DATASHEET

TECHNICAL SPECIFICATIONS

Tempest Demand Valve

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility. Components injection moulded from Polyamide and Acetyl with rubber seals and diaphragms.

First breath activation	-20 to -30 mbar
Peak flow performance	In excess of 1000 litres/minute
Bypass flow	150 litres/minute nominal
Static positive pressure	1.0 – 4.0 mbar

Reducing Valve

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve. Valve body and cap machined from nickel-plated brass with stainless steel spring and hose retainer Uclips.

Outlet Pressure	
200 bar inlet	5.5 to 9.5 bar
300 bar inlet	6.0 to 11.0 bar
Pressure relief valve protected	Approx. 13.5 bar
Flow restrictor to gauge supply hose	<25 litres minute

Pressure Indicator & Warning Whistle

Bourdon tube type dial indicator	
Heat and impact resistant Polycarbonate lens	
Safety blow-out vent in rear of gauge	
Accuracy	+/- 10 bar between 40-300 bar

Hoses

Stainless Steel swivel hose fittings

Medium Pressure Hose

Maximum working pressure	16 bar
Minimum burst pressure	80 bar

High Pressure hose

Maximum working pressure	450 bar
Minimum burst pressure	800 bar

Weight/ Dimensions

Single configuration (less cylinder)	2.6kg
Single configuration & facemask (less cylinder)	3.2kg
Length	630mm
Width	285mm
Depth (with 6.0 litre 200 bar cylinder)	215mm

TECHNICAL DATASHEET

PROPAK-I - SELF CONTAINED BREATHING APPARATUS



DESCRIPTION

The Scott Safety ProPak-I is a Type 2 open circuit, self-contained, compressed air breathing apparatus. It consists of a back plate, padded carrying harness and pneumatic system, containing a cylinder connector, reducer, pressure gauge, whistle and demand valve.

The ProPak-I can be configured in a number of different ways with various size single cylinders. There are also a range of variants available including Airline (AC), Split Demand Valve Coupling (SDC) and Y Piece (Y2C) configurations.

The ProPak-I is used in conjunction with a range of composite or steel cylinders and the choice of Vision 3, Vision AMS or Promask PP facemask.

APPLICATIONS

The ProPak-I is specifically designed as an industrial fire-fighting SCBA, but is also suitable for providing respiratory protection in any IDLH environment.

APPROVALS

CE marked in accordance with EN137:2006: Type 2

AS1716

MED

TECHNICAL DATASHEET

MATERIALS	
Pressure Reducing Valve	Nickel Plated Brass
Rust Tube (Cyls)	Brass
Reducing Valve Seat	Polyamide (Nylon)
O-Rings	Nitrile, Silicone, EPDM
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
Facemask	Neoprene, Silicone or Procomp
Facemask Visor	Polycarbonate
MP Air Supply Hose	EPDM Cover, fabric braid reinforcement, EPDM liner
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve
Valve Handwheel	Glass filled Polyamide/ TPE
Harness	Kevlar blend webbing, Proban covered padding
Backplate	Glass & Carbon filled Nylon composite
Backpad	Flame retardant cross linked polyolefin closed cell foam covered in a Proban fabric
Cylinder Band	Kevlar Pyrogard blend webbing, reflective thread
Strap Buckles	Glass filled polyamide
Cylinder	Steel or Composite
Cylinder Valve	Nickel Plated Brass
Demand Valve Casing	Glass filled Polyamide

MAINTENANCE/CLEANING/SERVICING

N.B. - Cleaning should only be carried out as specified in the user instructions. Maintenance and servicing must only be performed by trained personnel following the procedures in the Service and Maintenance manual.

TECHNICAL DATASHEET

TECHNICAL SPECIFICATIONS

Tempest Demand Valve

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility. Components injection moulded from Polyamide and Acetyl with rubber seals and diaphragms.

First breath activation	-20 to -30 mbar
Peak flow performance	In excess of 1000 litres/minute
Bypass flow	150 litres/minute nominal
Static positive pressure	1.0 - 4.0 mbar

Reducing Valve

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve. Valve body and cap machined from nickel-plated brass with stainless steel spring and hose retainer Uclips.

Outlet Pressure	
200 bar inlet	5.5 to 9.5 bar
300 bar inlet	6.0 to 11.0 bar
Pressure relief valve protected	Approx. 13.5 bar
Flow restrictor to gauge supply hose	<25 litres minute

Pressure Indicator & Warning Whistle

Bourdon tube type dial indicator	
Heat and impact resistant Polycarbonate lens	
Safety blow-out vent in rear of gauge	
Accuracy	+/- 10 bar between 40-300 bar

Hoses

Stainless Steel swivel hose fittings

Medium Pressure Hose

Maximum working pressure	16 bar
Minimum burst pressure	80 bar

High Pressure hose

Maximum working pressure	450 bar
Minimum burst pressure	800 bar

Weight/ Dimensions

Single configuration (less cylinder)	2.9kg
Single configuration & facemask (less cylinder)	3.5kg
Length	630mm
Width	285mm
Depth (with 6.0 litre 200 bar cylinder)	320mm

TECHNICAL DATASHEET

PROPAK-F - SELF CONTAINED BREATHING APPARATUS



DESCRIPTION

The Scott Safety ProPak-F is a Type 2 open circuit, self-contained, compressed air breathing apparatus. It consists of a back plate, padded carrying harness and pneumatic system, containing a cylinder connector, reducer, pressure gauge, whistle and demand valve.

The ProPak-F can be configured in a number of different ways with various size single cylinders. There are also a range of variants available including Airline (AC), Split Demand Valve Coupling (SDC or Y2C), Quick Connect Option or Duo variants.

The ProPak-F is used in conjunction with a range of composite or steel cylinders and the choice of Vision 3, Vision AMS or Promask PP facemask.

APPLICATIONS

The ProPak-F is specifically designed as a professional fire fighting SCBA, but is also suitable for providing respiratory protection in any IDLH environment.

APPROVALS

CE marked in accordance with EN137:2006: Type 2

AS1716

MED (Shipswheel)

TECHNICAL DATASHEET

MATERIALS

Pressure Reducing Valve	Nickel Plated Brass
Rust Tube (Cyls)	Brass
Reducing Valve Seat	Polyamide (Nylon)
O-Rings	Nitrile, Silicone, EPDM
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
Facemask	Neoprene, Silicone or Procomp
Facemask Visor	Polycarbonate
MP Air Supply Hose	EPDM Cover, fabric braid reinforcement, EPDM liner
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve
Valve Handwheel (Sabre Cyls)	Glass filled Polyamide/ TPE
Harness	Kevlar and Pyrogard blend webbing with FR Proban covered flame retardant foam. Reflective thread
Backplate	Glass & Carbon filled Nylon composite
Backpad	Flame retardant cross linked polyolefin closed cell foam covered in a Proban fabric
Cylinder Band	Kevlar and Pyrogard blend webbing, Reflective thread
Strap Buckles	Glass filled polyamide
Cylinder	Steel or Composite
Cylinder Valve	Nickel Plated Brass
Demand Valve Casing	Glass filled Polyamide

MAINTENANCE/CLEANING/SERVICING

N.B. - Cleaning should only be carried out as specified in the user instructions. Maintenance and servicing must only be performed by trained personnel following the procedures in the Service and Maintenance manual.

TECHNICAL DATASHEET

TECHNICAL SPECIFICATIONS

Tempest Demand Valve

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility. Components injection moulded from Polyamide and Acetyl with rubber seals and diaphragms.

First breath activation	-20 to -30 mbar
Peak flow performance	In excess of 1000 litres/minute
Bypass flow	150 litres/minute nominal
Static positive pressure	1.0 – 4.0 mbar

Reducing Valve

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve. Valve body and cap machined from nickel-plated brass with stainless steel spring and hose retainer Uclips.

Outlet Pressure	
200 bar inlet	5.5 to 9.5 bar
300 bar inlet	6.0 to 11.0 bar
Pressure relief valve protected	Approx. 13.5 bar
Flow restrictor to gauge supply hose	<25 litres minute

Pressure Indicator & Warning Whistle

Bourdon tube type dial indicator	
Heat and impact resistant Polycarbonate lens	
Safety blow-out vent in rear of gauge	
Accuracy	+/- 10 bar between 40-300 bar

Hoses

Stainless Steel swivel hose fittings

Medium Pressure Hose

Maximum working pressure	16 bar
Minimum burst pressure	80 bar

High Pressure hose

Maximum working pressure	450 bar
Minimum burst pressure	800 bar

Weight/ Dimensions

Single configuration (less cylinder)	3.2kg
Single configuration & facemask (less cylinder)	3.8kg
Length	630mm
Width	285mm
Depth (with 6.0 litre 200 bar cylinder)	220mm

TECHNICAL DATASHEET

PROPAK-FX - SELF CONTAINED BREATHING APPARATUS



DESCRIPTION

The Scott Safety ProPak-FX is a Type 2 open circuit, self-contained, compressed air breathing apparatus. It consists of an adjustable back plate, padded carrying harness and pneumatic system, containing a cylinder connector, reducer, pressure gauge, whistle and demand valve.

The ProPak-FX can be configured in a number of different ways with various size single cylinders. There are also a range of variants available including Airline (AC), Split Demand Valve Coupling (SDC or Y2C), Quick Connect Option or Duo variants.

The ProPak-FX is used in conjunction with a range of composite or steel cylinders and the choice of Vision 3, Vision AMS or Promask PP facemask.

APPLICATIONS

The ProPak-FX is specifically designed as a professional adjustable fire fighting SCBA, but is also suitable for providing respiratory protection in any IDLH environment.

APPROVALS

CE marked in accordance with EN137:2006: Type 2

AS1716

MED (Shipswheel)

TECHNICAL DATASHEET

MATERIALS

Pressure Reducing Valve	Nickel Plated Brass
Rust Tube (Cyls)	Brass
Reducing Valve Seat	Polyamide (Nylon)
O-Rings	Nitrile, Silicone, EPDM
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
Facemask	Neoprene, Silicone or Procomp
Facemask Visor	Polycarbonate
MP Air Supply Hose	EPDM Cover, fabric braid reinforcement, EPDM liner
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve
Valve Handwheel	Glass filled Polyamide/ TPE
Harness	Kevlar and Pyrogard blend webbing with FR Proban covered flame retardant foam. Reflective thread
Backplate	Glass & Nylon filled carbon composite
Backpad	Flame retardant cross linked polyolefin closed cell foam covered in a Proban fabric
Cylinder Band	Kevlar and Pyrogard blend webbing, Reflective thread
Strap Buckles	Glass filled polyamide
Cylinder	Steel or Composite
Cylinder Valve	Nickel Plated Brass
Demand Valve Casing	Glass filled Polyamide

MAINTENANCE/CLEANING/SERVICING

N.B. - Cleaning should only be carried out as specified in the user instructions. Maintenance and servicing must only be performed by trained personnel following the procedures in the Service and Maintenance manual.

TECHNICAL DATASHEET

TECHNICAL SPECIFICATIONS

Tempest Demand Valve

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility. Components injection moulded from Polyamide and Acetyl with rubber seals and diaphragms.

First breath activation	-20 to -30 mbar
Peak flow performance	In excess of 1000 litres/minute
Bypass flow	150 litres/minute nominal
Static positive pressure	1.0 – 4.0 mbar

Reducing Valve

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve. Valve body and cap machined from nickel-plated brass with stainless steel spring and hose retainer Uclips.

Outlet Pressure	
200 bar inlet	5.5 to 9.5 bar
300 bar inlet	6.0 to 11.0 bar
Pressure relief valve protected	Approx. 13.5 bar
Flow restrictor to gauge supply hose	<25 litres minute

Pressure Indicator & Warning Whistle

Bourdon tube type dial indicator	
Heat and impact resistant Polycarbonate lens	
Safety blow-out vent in rear of gauge	
Accuracy	+/- 10 bar between 40-300 bar

Hoses

Stainless Steel swivel hose fittings

Medium Pressure Hose

Maximum working pressure	16 bar
Minimum burst pressure	80 bar

High Pressure hose

Maximum working pressure	450 bar
Minimum burst pressure	800 bar

Weight/ Dimensions

Single configuration (less cylinder)	3.4kg
Single configuration & facemask (less cylinder)	4kg
Length	630mm
Width	285mm
Depth (with 6.0 litre 200 bar cylinder)	220mm

TECHNICAL DATASHEET

ProPak- SELF CONTAINED BREATHING APPARATUS



DESCRIPTION

The Scott Safety ProPak range is a series of open circuit, self-contained, compressed air breathing apparatus. They consist of a back plate, carrying harness and pneumatic system, containing a cylinder connector, reducer, pressure gauge, whistle and demand valve.

Available in 4 specification levels, variants can include padded or non padded harnesses and options of a fully adjustable backplate. The complete range are EN137 Type 2 approved products. All backplates have been designed to be able to incorporate integrated electronics.

The ProPak can be configured in a number of different ways with single or dual cylinders. There are also a range of attachments available including Airline (AC), Split Demand Valve Coupling (SDC) and Y Piece configurations.

The ProPak is used in conjunction with a range of composite or steel cylinders and the choice of Vision 3, Vision AMS or Promask PP facemask. The ProPak range is specifically designed as a Professional Fire Fighting SCBA, but is also suitable for providing respiratory protection in any IDLH environment.

APPROVALS

CE marked in accordance with EN137:2006 Type II

MED (Shipswheel)

BS8468-1 in conjunction with appropriate facemask

AS1716

TECHNICAL DATASHEET

MATERIALS

Pressure Reducing Valve	Nickel Plated Brass
Rust Tube (Cyls)	Brass
Reducing Valve Seat	Polyamide (Nylon)
O-Rings	Nitrile, Silicone, EPDM
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
Facemask	Neoprene, Silicone or Procomp
Facemask Visor	Polycarbonate
MP Air Supply Hose	Chlorinated Polyethylene, fabric braid reinforcement, Nitrile liner
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve
Valve Handwheel	Glass filled Polyamide
Harness	Intrinsically flame retardant Kevlar blend webbing and Proban fabric on padded variants
Backplate	Glass & Carbon filled Nylon composite
Backpad	Flame retardant Proban and closed cell Polyethylene foam
Cylinder Band	Kevlar blend fabric
Strap Buckles	Stainless Steel, Brass
Cylinder	Steel or Composite
Cylinder Valve	Nickel Plated Brass
Demand Valve Casing	Glass filled Polyacetal and Polyamide

TECHNICAL SPECIFICATIONS

Tempest Demand Valve

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility. Components injection moulded from Polyamide and Acetyl with rubber seals and diaphragms.

First breath activation	-20 to -30 mbar
Peak flow performance	In excess of 1000 litres/minute
Bypass flow	150 litres/minute nominal
Static positive pressure	1.0 – 4.0 mbar

TECHNICAL DATASHEET

TECHNICAL SPECIFICATIONS

Reducing Valve

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve. Valve body and cap machined from nickel-plated brass with stainless steel spring and hose retainer Uclips.

Outlet Pressure	Nickel Plated Brass
200 bar inlet	5.5 to 9.5 bar
300 bar inlet	6.0 to 11.0 bar
Pressure relief valve protected	Approx. 13.5 bar
Flow restrictor to gauge supply hose	<25 litres minute

Pressure Indicator & Warning Whistle

Bourdon tube type dial indicator

Heat and impact resistant Polycarbonate lens

Safety blow-out vent in rear of gauge

Accuracy +/- 10 bar between 40-300 bar

Hoses

Stainless Steel swivel hose fittings

Medium Pressure Hose

Maximum working pressure 16 bar

Minimum burst pressure 80 bar

High Pressure hose

Maximum working pressure 450 bar

Minimum burst pressure 800 bar

Packing Specifications

Single

Duo

BID SPECIFICATION

PROPAK-SIGMA - SELF CONTAINED BREATHING APPARATUS

General Requirements

One (or more) open circuit Self Contained Breathing Apparatus consisting of the following major sub assemblies: -

- 1) Cylinder and valve assembly.
- 2) Full facemask assembly.
- 3) A harness and backframe for supporting the equipment on the wearer's body.
- 4) A pneumatic assembly consisting of the elements below.
- 5) A fully automatic first stage pressure reducer.
- 6) A removable, facepiece mounted, first breath activated, positive pressure demand valve.
- 7) A shoulder strap mounted remote pressure gauge.
- 8) Low-pressure warning alarm to operate at 55 bar.

The Breathing Apparatus set must be CE marked and approved in accordance with EN137:2006 Type 2 and the facemask in accordance with EN136.

1. Cylinder and valve assembly - CYL-FWC-1860

Cylinder - The cylinder should be of fully wrapped carbon fibre composite construction with a time duration of not less than 45 minutes based on a nominal breathing rate of 40 litres per minute. The specification of the cylinder should be in accordance with the PED and the cylinder should be CE marked.

Cylinder valve assembly - The cylinder valve shall be in accordance with EN144-2 and the valve will feature a safety locking hand wheel that can be turned on using one hand. The locking hand wheel will prevent the cylinder valve being inadvertently turned.

2. a) Facemask Assembly - Vision 3

The facemask - Shall be offered in different sizes and will accommodate a wide range of facial shapes and sizes. The facemasks shall be positive pressure and feature a Liquid Silicone Rubber outer mask with reflex seal and EDME ori-nasal inner mask. The facemask visor shall be of multi curvature and made of a scratch and impact resistant polycarbonate material with a flame-retardant coating and provide excellent panoramic vision. The visor shall be held in place by two U-shaped clamps. The mask will allow the wearer to wear integrated spectacle frames, without compromising the facemask seal. The facemask will be available with either a five-point fully adjustable neoprene strap style harness or a two-point adjustable polyester net style harnesses.

The facemask shall feature a left hand side bayonet connection for the demand valve. An option of an additional right quick-fit port to take a communications interface is required.

A speech diaphragm will be mounted at the front of the mask to offer unimpeded speech transmission and will include a low resistance positive pressure exhalation valve that allows for normal breathing with no extra effort.

b) Facemask Assembly - Promask PP

The facemask - shall be offered in different sizes and will accommodate a wide range of facial shapes and sizes. The masks shall be positive pressure and feature a Butyl Rubber (Procomp™) outer mask with reflex seal and silicone ori-nasal inner mask. The facepiece visor shall be of single curvature and made of a scratch and impact resistant polycarbonate material with a flame-retardant coating and provide excellent panoramic vision. The visor shall be held in place by two U-shaped clamps. The mask will allow the wearer to wear integrated spectacle frames, without compromising the facemask seal. The mask will be available with either a five-point fully adjustable neoprene strap style harness or a two-point adjustable Polyester net style harnesses.

The facemask shall feature a left hand side bayonet connection for the demand valve. An option of an additional right quick-fit port to take a communications interface is required.

A speech diaphragm will be mounted at the front of the mask to offer unimpeded speech transmission and will include a low resistance positive pressure exhalation valve that allows for normal breathing with no extra effort.

BID SPECIFICATION

3. Harness and Backframe Assembly

The backframe shall be manufactured from a glass & carbon filled Nylon composite. The harness shall be manufactured from Kevlar blend webbing and feature padded shoulder straps and waistbelt. The harness shall include a fully adjustable waist belt using a double pull action with a quick release plastic buckle.

The cylinder shall be held on the backframe by a Kevlar blend webbing cylinder band, secured by Velcro.

The cylinder band shall be adjustable, without the use of tools and shall secure all cylinders specified in 1) above.

The reducer/cylinder connector shall support the cylinder valve at the lower end of the backframe to support the cylinder assembly.

4. Pneumatics

The pneumatics assembly will consist of the elements listed below. The assembly should be able to be removed quickly and easily from the set with out the use of tools and without breaking into the pneumatics. Therefore when removing the pneumatics from the set and replacing them back onto the set they should not need to be retested.

5. First Stage Pressure Reducer

The first stage pressure reducer shall be mounted in a protected position on the rear, lower portion of the backframe. The pressure reducer shall be of a fail-safe spring-loaded piston design, with an integral pressure relief valve, consisting of only two moving parts.

The reducer shall be completely automatic, low maintenance and require no calibration. The reducer shall have flow characteristics that exceed 650 lpm and be protected by a pressure relief valve that operates between 11.5 and 13.5 bar. The pressure reducer shall incorporate an internal flow restrictor leading to a supply gauge hose that will limit the airflow to less than 25 lpm, preventing rapid air loss should the gauge supply hose become severed or damaged. The reducer shall be designed to function with either 200 or 300 bar cylinders. The cylinder connector shall accept both 200 and 300 bar cylinders and shall be joined directly to the reducer. The cylinder connector should have a sintered filter that can be removed and changed without having to take the cylinder connector apart.

6. Demand Valve

The positive pressure demand valve shall provide air, on demand to the wearer, utilising a servo-assisted tilting diaphragm mechanism providing peak flow in excess of 1000 lpm, while maintaining a static positive pressure of 1 - 5 mbar inside the facepiece. The demand valve shall connect to the facemask via a quarter turn bayonet fitting on the left of the facemask.

The demand valve reducer shall feature an automatic first breath mechanism, which prevents the loss of air during the donning procedure. The regulator is to be equipped with a true bypass valve which, when rotated to the on position, provides a nominal constant flow of air (150lpm) to the facemask for emergency use and to purge the system when depressurising.

7. Pressure Gauge

The unit shall feature a 300 bar pressure gauge to monitor cylinder pressure at the input of the first stage reducer. It will feature a luminous dial, indicating 0-350 bar. The gauge shall be shoulder strap mounted and capable of being pulled close up to the facemask for use in poor visibility. The gauge shall be equipped with a blow-out vent and the gauge shall feature a rubber shroud for impact protection.

8. Low Pressure Warning Alarms

The unit shall feature low-pressure warning alarm that will operate at 55 bar. The alarm shall be a warning whistle, mounted next to the pressure gauge.

BID SPECIFICATION

PROPAK-I - SELF CONTAINED BREATHING APPARATUS

General Requirements

One (or more) open circuit Self Contained Breathing Apparatus consisting of the following major sub assemblies: -

- 1) Cylinder and valve assembly.
- 2) Full facemask assembly.
- 3) A harness and backframe for supporting the equipment on the wearer's body.
- 4) A pneumatic assembly consisting of the elements below.
- 5) A fully automatic first stage pressure reducer.
- 6) A removable, facepiece mounted, first breath activated, positive pressure demand valve.
- 7) A shoulder strap mounted remote pressure gauge.
- 8) Low-pressure warning alarm to operate at 55 bar.

The Breathing Apparatus set must be CE marked and approved in accordance with EN137:2006 Type 2 and the facemask in accordance with EN136.

1. Cylinder and valve assembly - CYL-FWC-1860

Cylinder - The cylinder should be of fully wrapped carbon fibre composite construction with a time duration of not less than 45 minutes based on a nominal breathing rate of 40 litres per minute. The specification of the cylinder should be in accordance with the PED and the cylinder should be CE marked.

Cylinder valve assembly - The cylinder valve shall be in accordance with EN144-2 and the valve will feature a safety locking hand wheel that can be turned on using one hand. The locking hand wheel will prevent the cylinder valve being inadvertently turned.

2. a) Facemask Assembly - Vision 3

The facemask - Shall be offered in different sizes and will accommodate a wide range of facial shapes and sizes. The facemasks shall be positive pressure and feature a Liquid Silicone Rubber outer mask with reflex seal and EDME ori-nasal inner mask. The facemask visor shall be of multi curvature and made of a scratch and impact resistant polycarbonate material with a flame-retardant coating and provide excellent panoramic vision. The visor shall be held in place by two U-shaped clamps. The mask will allow the wearer to wear integrated spectacle frames, without compromising the facemask seal. The facemask will be available with either a five-point fully adjustable neoprene strap style harness or a two-point adjustable polyester net style harnesses. The facemask shall feature a left hand side bayonet connection for the demand valve. An option of an additional right quick-fit port to take a communications interface is required. A speech diaphragm will be mounted at the front of the mask to offer unimpeded speech transmission and will include a low resistance positive pressure exhalation valve that allows for normal breathing with no extra effort.

b) Facemask Assembly - Promask PP

The facemask - shall be offered in different sizes and will accommodate a wide range of facial shapes and sizes. The masks shall be positive pressure and feature a Butyl Rubber (Procomp™) outer mask with reflex seal and silicone ori-nasal inner mask. The facepiece visor shall be of single curvature and made of a scratch and impact resistant polycarbonate material with a flame-retardant coating and provide excellent panoramic vision. The visor shall be held in place by two U-shaped clamps. The mask will allow the wearer to wear integrated spectacle frames, without compromising the facemask seal. The mask will be available with either a five-point fully adjustable neoprene strap style harness or a two-point adjustable Polyester net style harnesses.

The facemask shall feature a left hand side bayonet connection for the demand valve. An option of an additional right

BID SPECIFICATION

quick-fit port to take a communications interface is required.

A speech diaphragm will be mounted at the front of the mask to offer unimpeded speech transmission and will include a low resistance positive pressure exhalation valve that allows for normal breathing with no extra effort.

3. Harness and Backframe Assembly

The backframe shall be manufactured from glass & carbon filled Nylon composite.

The harness shall be manufactured from Kevlar blend webbing and feature unpadded shoulder straps and padded waistbelt. The harness shall include a fully adjustable waist belt using a double pull forward action with a quick release plastic buckle.

The cylinder shall be held on the backframe by a Kevlar™ and Pyrogard™ blend webbing cylinder band, with an over centre latching glass filled polyamide buckle. A double action steel locking catch will prevent accidental opening. The cylinder band shall be adjustable, without the use of tools and shall secure all cylinders specified in 1) above. The reducer/cylinder connector shall support the cylinder valve at the lower end of the backframe to support the cylinder assembly.

4. Pneumatics

The pneumatics assembly will consist of the elements listed below. The assembly should be able to be removed quickly and easily from the set with out the use of tools and without breaking into the pneumatics. Therefore when removing the pneumatics from the set and replacing them back onto the set they should not need to be retested.

5. First Stage Pressure Reducer

The first stage pressure reducer shall be mounted in a protected position on the rear, lower portion of the backframe. The pressure reducer shall be of a fail-safe spring-loaded piston design, with an integral pressure relief valve, consisting of only two moving parts.

The reducer shall be completely automatic, low maintenance and require no calibration. The reducer shall have flow characteristics that exceed 650 lpm and be protected by a pressure relief valve that operates between 11.5 and 13.5 bar. The pressure reducer shall incorporate an internal flow restrictor leading to a supply gauge hose that will limit the airflow to less than 25 lpm, preventing rapid air loss should the gauge supply hose become severed or damaged. The reducer shall be designed to function with either 200 or 300 bar cylinders. The cylinder connector shall accept both 200 and 300 bar cylinders and shall be joined directly to the reducer. The cylinder connector should have a sintered filter that can be removed and changed without having to take the cylinder connector apart.

6. Demand Valve

The positive pressure demand valve shall provide air, on demand to the wearer, utilising a servo-assisted tilting diaphragm mechanism providing peak flow in excess of 1000 lpm, while maintaining a static positive pressure of 1 - 5 mbar inside the facepiece. The demand valve shall connect to the facemask via a quarter turn bayonet fitting on the left of the facemask.

The demand valve reducer shall feature an automatic first breath mechanism, which prevents the loss of air during the donning procedure. The regulator is to be equipped with a true bypass valve which, when rotated to the on position, provides a nominal constant flow of air (150 lpm) to the facemask for emergency use and to purge the system when depressurising.

7. Pressure Gauge

The unit shall feature a 300 bar pressure gauge to monitor cylinder pressure at the input of the first stage reducer. It will feature a luminous dial, indicating 0-350 bar. The gauge shall be shoulder strap mounted and capable of being pulled close up to the facemask for use in poor visibility. The gauge shall be equipped with a blow-out vent and the gauge shall feature a rubber shroud for impact protection.

8. Low Pressure warning alarms

The unit shall feature low-pressure warning alarm that will operate at 55 bar. The alarm shall be a warning whistle, mounted next to the pressure gauge.

BID SPECIFICATION

PROPAK-F - SELF CONTAINED BREATHING APPARATUS

General Requirements

One (or more) open circuit Self Contained Breathing Apparatus consisting of the following major sub assemblies: -

- 1) Cylinder and valve assembly.
- 2) Full facemask assembly.
- 3) A harness and backframe for supporting the equipment on the wearer's body.
- 4) A pneumatic assembly consisting of the elements below.
- 5) A fully automatic first stage pressure reducer.
- 6) A removable, facepiece mounted, first breath activated, positive pressure demand valve.
- 7) A shoulder strap mounted remote pressure gauge.
- 8) Low-pressure warning alarm to operate at 55 bar.

The Breathing Apparatus set must be CE marked and approved in accordance with EN137:2006 Type 2 and the face-mask in accordance with EN136.

1. Cylinder and valve assembly - CYL-FWC-1860

Cylinder - The cylinder should be of fully wrapped carbon fibre composite construction with a time duration of not less than 45 minutes based on a nominal breathing rate of 40 litres per minute. The specification of the cylinder should be in accordance with the PED and the cylinder should be CE marked.

Cylinder valve assembly - The cylinder valve shall be in accordance with EN144-2 and the valve will feature a safety locking hand wheel that can be turned on using one hand. The locking hand wheel will prevent the cylinder valve being inadvertently turned.

2. a) Facemask Assembly - Vision 3

The facemask - Shall be offered in different sizes and will accommodate a wide range of facial shapes and sizes. The facemasks shall be positive pressure and feature a Liquid Silicone Rubber outer mask with reflex seal and EDME ori-nasal inner mask. The facemask visor shall be of multi curvature and made of a scratch and impact resistant polycarbonate material with a flame-retardant coating and provide excellent panoramic vision. The visor shall be held in place by two U-shaped clamps. The mask will allow the wearer to wear integrated spectacle frames, without compromising the facemask seal. The facemask will be available with either a five-point fully adjustable neoprene strap style harness or a two-point adjustable polyester net style harnesses. The facemask shall feature a left hand side bayonet connection for the demand valve. An option of an additional right quick-fit port to take a communications interface is required.

A speech diaphragm will be mounted at the front of the mask to offer unimpeded speech transmission and will include a low resistance positive pressure exhalation valve that allows for normal breathing with no extra effort.

b) Facemask Assembly - Promask PP

The facemask - shall be offered in different sizes and will accommodate a wide range of facial shapes and sizes. The masks shall be positive pressure and feature a Butyl Rubber (Procomp™) outer mask with reflex seal and silicone ori-nasal inner mask. The facepiece visor shall be of single curvature and made of a scratch and impact resistant polycarbonate material with a flame-retardant coating and provide excellent panoramic vision. The visor shall be held in place by two U-shaped clamps. The mask will allow the wearer to wear integrated spectacle frames, without compromising the facemask seal. The mask will be available with either a five-point fully adjustable neoprene strap style harness or a two-point adjustable Polyester net style harnesses.

The facemask shall feature a left hand side bayonet connection for the demand valve. An option of an additional right

BID SPECIFICATION

quick-fit port to take a communications interface is required.

A speech diaphragm will be mounted at the front of the mask to offer unimpeded speech transmission and will include a low resistance positive pressure exhalation valve that allows for normal breathing with no extra effort.

3. Harness and Backframe Assembly

The backframe shall be manufactured from glass & carbon filled Nylon composite. The harness shall be manufactured from Kevlar™ and Pyrogard™ blend webbing and Proban material and feature padded shoulder straps and waistbelt. The harness shall include a fully adjustable waist belt using a double pull forward action with a quick release plastic buckle. The webbing will contain reflective thread.

The cylinder shall be held on the backframe by a Kevlar™ and Pyrogard™ blend webbing cylinder band, with an over centre latching glass filled polyamide buckle. A double action steel locking catch will prevent accidental opening. The cylinder band shall be adjustable, without the use of tools and shall secure all cylinders specified in 1) above. The reducer/cylinder connector shall support the cylinder valve at the lower end of the backframe to support the cylinder assembly.

4. Pneumatics

The pneumatics assembly will consist of the elements listed below. The assembly should be able to be removed quickly and easily from the set without the use of tools and without breaking into the pneumatics. Therefore when removing the pneumatics from the set and replacing them back onto the set they should not need to be retested.

5. First Stage Pressure Reducer

The first stage pressure reducer shall be mounted in a protected position on the rear, lower portion of the backframe. The pressure reducer shall be of a fail-safe spring-loaded piston design, with an integral pressure relief valve, consisting of only two moving parts.

The reducer shall be completely automatic, low maintenance and require no calibration. The reducer shall have flow characteristics that exceed 650 liters/min and be protected by a pressure relief valve that operates between 11.5 and 13.5 bar. The pressure reducer shall incorporate an internal flow restrictor leading to a supply gauge hose that will limit the airflow to less than 25 lpm, preventing rapid air loss should the gauge supply hose become severed or damaged. The reducer shall be designed to function with either 200 or 300 bar cylinders. The cylinder connector shall accept both 200 and 300 bar cylinders and shall be joined directly to the reducer. The cylinder connector should have a sintered filter that can be removed and changed without having to take the cylinder connector apart.

6. Demand Valve

The positive pressure demand valve shall provide air, on demand to the wearer, utilising a servo-assisted tilting diaphragm mechanism providing peak flow in excess of 1000 l/m, while maintaining a static positive pressure of 1 - 5 mbar inside the facepiece. The demand valve shall connect to the facemask via a quarter turn bayonet fitting on the left of the facemask.

The demand valve reducer shall feature an automatic first breath mechanism, which prevents the loss of air during the donning procedure. The regulator is to be equipped with a true bypass valve which, when rotated to the on position, provides a nominal constant flow of air (150l/m) to the facemask for emergency use and to purge the system when depressurising.

7. Pressure Gauge

The unit shall feature a 300 bar pressure gauge to monitor cylinder pressure at the input of the first stage reducer. It will feature a luminous dial, indicating 0-350 bar. The gauge shall be shoulder strap mounted and capable of being pulled close up to the facemask for use in poor visibility. The gauge shall be equipped with a blow-out vent and the gauge shall feature a rubber shroud for impact protection.

8. Low Pressure warning alarms

The unit shall feature low-pressure warning alarm that will operate at 55 bar. The alarm shall be a warning whistle, mounted next to the pressure gauge.

BID SPECIFICATION

PROPAK-FX - SELF CONTAINED BREATHING APPARATUS

General Requirements

One (or more) open circuit Self Contained Breathing Apparatus consisting of the following major sub assemblies: -

- 1) Cylinder and valve assembly.
- 2) Full facemask assembly.
- 3) A harness and backframe for supporting the equipment on the wearer's body.
- 4) A pneumatic assembly consisting of the elements below.
- 5) A fully automatic first stage pressure reducer.
- 6) A removable, facepiece mounted, first breath activated, positive pressure demand valve.
- 7) A shoulder strap mounted remote pressure gauge.
- 8) Low-pressure warning alarm to operate at 55 bar.

The Breathing Apparatus set must be CE marked and approved in accordance with EN137:2006 Type 2 and the facemask in accordance with EN136.

1. Cylinder and valve assembly - CYL-FWC-1860

Cylinder - The cylinder should be of fully wrapped carbon fibre composite construction with a time duration of not less than 45 minutes based on a nominal breathing rate of 40 litres per minute. The specification of the cylinder should be in accordance with the PED and the cylinder should be CE marked.

Cylinder valve assembly - The cylinder valve shall be in accordance with EN144-2 and the valve will feature a safety locking hand wheel that can be turned on using one hand. The locking hand wheel will prevent the cylinder valve being inadvertently turned.

2. a) Facemask Assembly - Vision 3

The facemask - Shall be offered in different sizes and will accommodate a wide range of facial shapes and sizes. The facemasks shall be positive pressure and feature a Liquid Silicone Rubber outer mask with reflex seal and EDME ori-nasal inner mask. The facemask visor shall be of multi curvature and made of a scratch and impact resistant polycarbonate material with a flame-retardant coating and provide excellent panoramic vision. The visor shall be held in place by two U-shaped clamps. The mask will allow the wearer to wear integrated spectacle frames, without compromising the facemask seal. The facemask will be available with either a five-point fully adjustable neoprene strap style harness or a two-point adjustable polyester net style harnesses.

The facemask shall feature a left hand side bayonet connection for the demand valve. An option of an additional right quick-fit port to take a communications interface is required.

A speech diaphragm will be mounted at the front of the mask to offer unimpeded speech transmission and will include a low resistance positive pressure exhalation valve that allows for normal breathing with no extra effort.

b) Facemask Assembly - Promask PP

The facemask - shall be offered in different sizes and will accommodate a wide range of facial shapes and sizes. The masks shall be positive pressure and feature a Butyl Rubber (Procomp™) outer mask with reflex seal and silicone ori-nasal inner mask. The facepiece visor shall be of single curvature and made of a scratch and impact resistant polycarbonate material with a flame-retardant coating and provide excellent panoramic vision. The visor shall be held in place by two U-shaped clamps. The mask will allow the wearer to wear integrated spectacle frames, without compromising the facemask seal. The mask will be available with either a five-point fully adjustable neoprene strap style harness or a two-point adjustable Polyester or style harnesses.

The facemask shall feature a left hand side bayonet connection for the demand valve. An option of an additional right quick-fit port to take a communications interface is required.

A speech diaphragm will be mounted at the front of the mask to offer unimpeded speech transmission and will include a low resistance positive pressure exhalation valve that allows for normal breathing with no extra effort.

BID SPECIFICATION

3. Harness and Backframe Assembly

The backframe shall be manufactured from a glass & carbon filled Nylon composite.

The harness shall be manufactured from Kevlar™ and Pyrogard™ blend webbing and Proban material and feature padded shoulder straps and waistbelt. The harness shall include a fully adjustable waist belt using a double pull forward action with a quick release plastic buckle. The webbing will contain reflective thread

The cylinder shall be held on the backframe by a Kevlar™ and Pyrogard™ blend webbing cylinder band, with an over centre latching glass filled polyamide buckle . A double action steel locking catch will prevent accidental opening.

The cylinder band shall be adjustable, without the use of tools and shall secure all cylinders specified in 1) above.

The reducer/cylinder connector shall support the cylinder valve at the lower end of the backframe to support the cylinder assembly. The backplate shall be adjusted for size by movement of the waistbelt into 3 positions to cater for different heights of users. This style of adjustment mechanism shall not push the cylinder higher up the back causing interference with the users head. The backplate shall be able to be adjusted without removing the cylinder from the set. The waistbelt shall also be able to swivel as the user moves ensuring comfort and freedom of movement for the wearer.

4. Pneumatics

The pneumatics assembly will consist of the elements listed below. The assembly should be able to be removed quickly and easily from the set with out the use of tools and without breaking into the pneumatics. Therefore when removing the pneumatics from the set and replacing them back onto the set they should not need to be retested.

5. First Stage Pressure Reducer

The first stage pressure reducer shall be mounted in a protected position on the rear, lower portion of the backframe. The pressure reducer shall be of a fail-safe spring-loaded piston design, with an integral pressure relief valve, consisting of only two moving parts.

The reducer shall be completely automatic, low maintenance and require no calibration. The reducer shall have flow characteristics that exceed 650 lpm and be protected by a pressure relief valve that operates between 11.5 and 13.5 bar. The pressure reducer shall incorporate an internal flow restrictor leading to a supply gauge hose that will limit the airflow to less than 25 lpm, preventing rapid air loss should the gauge supply hose become severed or damaged. The reducer shall be designed to function with either 200 or 300 bar cylinders. The cylinder connector shall accept both 200 and 300 bar cylinders and shall be joined directly to the reducer. The cylinder connector should have a sintered filter that can be removed and changed without having to take the cylinder connector apart.

6. Demand Valve

The positive pressure demand valve shall provide air, on demand to the wearer, utilising a servo-assisted tilting diaphragm mechanism providing peak flow in excess of 1000 lpm, while maintaining a static positive pressure of 1 - 5 mbar inside the facepiece. The demand valve shall connect to the facemask via a quarter turn bayonet fitting on the left of the facemask.

The demand valve reducer shall feature an automatic first breath mechanism, which prevents the loss of air during the donning procedure. The regulator is to be equipped with a true bypass valve which, when rotated to the on position, provides a nominal constant flow of air (150lpm) to the facemask for emergency use and to purge the system when depressurising.

7. Pressure Gauge

The unit shall feature a 300 bar pressure gauge to monitor cylinder pressure at the input of the first stage reducer. It will feature a luminous dial, indicating 0-350 bar. The gauge shall be shoulder strap mounted and capable of being pulled close up to the facemask for use in poor visibility. The gauge shall be equipped with a blow-out vent and the gauge shall feature a rubber shroud for impact protection.

8. Low Pressure warning alarms

The unit shall feature low-pressure warning alarm that will operate at 55 bar. The alarm shall be a warning whistle, mounted next to the pressure gauge.

QUESTIONS & ANSWERS

PROPAK -SIGMA & I - SELF CONTAINED BREATHING APPARATUS



QUESTION

What is the ProPak range?

ANSWER

The ProPak range is the latest high technology open-circuit, self contained, compressed air breathing apparatus range from Scott Safety. It combines Scott's proven performance and safety features with enhanced user comfort and a range of optional accessories to meet various user requirements.

QUESTION

Are they approved to the latest standards?

ANSWER

Yes, they are approved to EN137:2006 Type 2 and the Australian Standard AS1716. The ProPak are also approved to the Marine Equipment Directive (Shipswheel approval).

QUESTION

What does the Type 2 signify?

ANSWER

The Type 2 section of the standard is specifically for breathing apparatus sets which will be used for fire-fighting use and incorporates the full flame engulfment test.

QUESTION

What does this flame engulfment test involve?

ANSWER

The test involves the set being conditioned in an oven at 90°C for 15 minutes; it is then transported to the flame test rig within 30 seconds where it is completely engulfed in flames at 1000°C for 10 seconds. After these flames have been extinguished there should not be any after flame for more than five seconds. The set is then dropped freely from 15cm onto the ground and the harness must retain its integrity and not break. All the time the set's breathing performance must remain within parameters at 25 cycles of 2 litres per minute. This means the ProPak is incredibly durable.

QUESTION

Has the backplate been designed ergonomically?

ANSWER

Yes.

QUESTION

What size cylinders can the ProPak use?

ANSWER

The ProPak is approved with a full range of cylinders from 3 litre through to 9 litre, both composite and steel.

QUESTION

Can the ProPak be supplied with attachments?

ANSWER

Yes, the ProPak can be supplied with an Airline attachment (AC), which supplies air in and out of the set. It can therefore be used as Rescue Second Man attachment (RSM) to take air out of one set to supply two facemasks and a as Decontamination attachment (DC). It can also be used for airline working. These attachments use CEN type couplings as standard but it is possible to specify different couplings if required.

QUESTION

Can the ProPak be ordered with a split demand valve?

QUESTIONS & ANSWERS

ANSWER

Yes, the ProPak can be supplied with a split demand valve (SDC). The couplings that are used are CEN type couplings. Also available as a Y2C connection which can be used with both SDC & RSM attachment.

QUESTION

What is the weight of the ProPak set?

ANSWER

The weight of the ProPak is dependant on the type of cylinder that is being used. The weight of a steel cylinder is greater than a composite cylinder and even the amount of air in the cylinder can have a surprising effect. The ProPak Sigma, less the cylinder and the facemask, weighs approx. 2.6kg and the ProPak -i weighs approx 2.9kg.

QUESTION

Which facemasks can be used with the ProPak?

ANSWER

The ProPak can be used with the full range of Scott's European facemasks, Vision 3, Vision AMS Promask PP. These masks are available in a range of different sizes, materials and head harness options. Helmet clamping options are also available.

QUESTION

Is a carrying case available?

ANSWER

Yes, a rigid hard plastic case is available for the ProPak. The hard cases with non-skid surfaces are stackable to permit easy SCBA storage.

QUESTION

How does the ProPak cylinder retention system work?

ANSWER

The retention system uses a durable Kevlar retention strap fastened by means of a cam-over-centre slide and double locking catch. This arrangement easily permits ease of cylinder changes and readily accommodates the complete range of cylinders. The ProPak -Sigma uses a simple Velcro fastening.

QUESTION

Can the pneumatics be easily removed from the backplate?

ANSWER

Yes, the pneumatics can be removed (or replaced) from the sets in under 30 seconds without the use of tools. The pneumatics are removed in one piece and do not therefore have to be tested when this is done.

QUESTION

Is the ProPak user serviceable?

ANSWER

The ProPak is fully user serviceable. The user can service and test each part of the set with no need for any of it to be returned to the factory. To carry out this servicing the user must be trained by a qualified person.

QUESTION

What are the servicing intervals?

ANSWER

The standard servicing intervals on the ProPak are annual sintered filter replacement and test, then a full service every 6 years. If the set is tested dynamically every year then there is no mandatory servicing for 12 years.

QUESTION

What material is the harness made from?

ANSWER

The harness is manufactured from intrinsically flame retardant Kevlar blend. The ProPak -i harness padding is closed cell foam covered in flame retardant Proban.

QUESTION

What pressure cylinders can the ProPak use?

ANSWER

The ProPak cylinder connector will accept both 200 and 300 bar cylinders without having to make any changes.

QUESTION

What is the cylinder connection type?

ANSWER

The cylinder connector is designed to connect into valves with outlets in accordance with EN144-2. This is the standard EN outlet type for breathing apparatus cylinder.

QUESTIONS & ANSWERS

PROPAK -F & FX - SELF CONTAINED BREATHING APPARATUS



QUESTION

What is the ProPak range?

ANSWER

The ProPak range is the latest high technology open-circuit, self contained, compressed air breathing apparatus range from Scott Safety. It combines Scott's proven performance and safety features with enhanced user comfort and a range of optional accessories to meet various user requirements.

QUESTION

Is the backplate adjustable to cater for people of different heights?

ANSWER

The backplate has been designed as standard to fit people of all sizes however for those that specify adjustment the ProPak-FX is the adjustable version of the ProPak. It is adjustable to 3 different settings to fit people of different sizes.

QUESTION

Are they approved to the latest standards?

ANSWER

Yes, they are approved to EN137:2006 Type 2 and the Australian Standard AS1716. The ProPak are also approved to the Marine Equipment Directive (Shipswheel approval).

QUESTION

What does the Type 2 signify?

ANSWER

The Type 2 section of the standard is specifically for breathing apparatus sets which will be used for fire-fighting use and incorporates the full flame engulfment test.

QUESTION

What does this flame engulfment test involve?

ANSWER

The test involves the set being conditioned in an oven at 90°C for 15 minutes; it is then transported to the flame test rig within 30 seconds where it is completely engulfed in flames at 1000°C for 10 seconds. After these flames have been extinguished there should not be any after flame for more than five seconds. The set is then dropped freely from 15cm onto the ground and the harness must retain its integrity and not break. All the time the set's breathing performance must remain within parameters at 25 cycles of 2 litres per minute. This means the ProPak is incredibly durable.

QUESTION

Has the backplate been designed ergonomically?

ANSWER

Yes.

QUESTION

How does the size adjustment work on the FX version of the ProPak?

ANSWER

The waistbelt has been designed so that it can be set in 3 positions for people of various heights. The adjustment is done by squeezing a catch which enables the waistbelt to be slid into each of these positions. Releasing the catch locks the waist belt in place. The benefit of this system is that the set can be adjusted without removing the cylinder from the set and even when the set is held in its bracket on the fire appliance.

QUESTIONS & ANSWERS

A further advantage of this style of adjustment is that the top of the cylinder always stays in the same position relative to the users head and so is not pushed upwards blocking the users ability to look up when standing or crawling.

QUESTION

Is the set NFPA approved?

ANSWER

The ProPak is not NFPA approved, the two standards (NFPA and EN) are mutually exclusive, i.e. it is not possible to have the same standard on both sets. This is because of conflicting clauses such as type of cylinder connector or the marking on gauges. The NFPA flame engulfment test has effectively been included into Type 2 of EN137:2006 so the standards have the same flame test levels.

QUESTION

Can the ProPak be used with 2 cylinders?

ANSWER

The standard ProPak is a single cylinder set, however there is a ProPak Duo available that can be used in single or duo mode.

QUESTION

Can the ProPak be supplied with attachments?

ANSWER

Yes, the ProPak can be supplied with an Airline attachment (AC), which supplies air in and out of the set. It can therefore be used as Rescue Second Man attachment (RSM) to take air out of one set to supply two facemasks and as a Decontamination attachment (DC). It can also be used for airline working. Options for a Y-Piece (Y2C) in the demand valve to act as an RSM are also available. These attachments use CEN type couplings as standard but it is possible to specify different couplings if required.

QUESTION

Can the ProPak be ordered with a split demand valve?

ANSWER

Yes, the ProPak can be supplied with a split demand valve (SDC). The couplings that are used are CEN type couplings. Also available as a Y2C connection which can be used with both SDC & RSM attachment.

QUESTION

What is the weight of the ProPak set?

ANSWER

The weight of the ProPak is dependent on the type of cylinder that is being used. The weight of a steel cylinder is greater than a composite cylinder and even the amount of air in the cylinder can have a surprising effect. The ProPak -f, less the cylinder and the facemask, weighs approx. 3.2kg and the ProPak -FX weighs approx. 3.4kg.

QUESTION

Which facemasks can be used with the ProPak?

ANSWER

The ProPak can be used with the full range of Scott's European facemasks, Vision 3, Vision AMS Promask PP. These masks are available in a range of different sizes, materials and head harness options. Helmet clamping options are also available.

QUESTION

Is a carrying case available?

ANSWER

Yes, a rigid hard plastic case is available for the ProPak. The hard cases with non-skid surfaces are stackable to permit easy SCBA storage.

QUESTION

How does the ProPak cylinder retention system work?

ANSWER

The retention system uses a durable Kevlar blend retention strap fastened by means of a cam-over-centre slide and double locking catch. This arrangement easily permits ease of cylinder changes and readily accommodates the complete range of cylinders.

QUESTION

Can the pneumatics be easily removed from the backplate?

ANSWER

Yes, the pneumatics can be removed (or replaced) from the sets in under 30 seconds without the use of tools. The pneumatics are removed in one piece and do not therefore have to be tested when this is done.

QUESTIONS & ANSWERS

QUESTION

Is the ProPak user serviceable?

ANSWER

The ProPak is fully user serviceable. The user can service and test each part of the set with no need for any of it to be returned to the factory. To carry out this servicing the user must be trained by a qualified person.

QUESTION

What are the servicing intervals?

ANSWER

The standard servicing intervals on the ProPak are annual sintered filter replacement and test, then a full service every 6 years. If the set is tested dynamically every year then there is no mandatory servicing for 12 years.

QUESTION

Is the ProPak covered by a warranty?

ANSWER

Yes, Scott can offer a wide range of warranty options with the ProPak .

QUESTION

What material is the harness made from?

ANSWER

The harness is manufactured from Kevlar™ and Pyrogard™ blend webbing and the padding is covered by Proban®. Both materials are flame retardant and giving the maximum protection against flames.

QUESTION

What pressure cylinders can the ProPak use?

ANSWER

The ProPak cylinder connector will accept both 200 and 300 bar cylinders without having to make any changes. An option for a 379 bar version of the set is available which will accept 200/300 or 379 bar cylinders.

QUESTION

What size cylinders can the ProPak use?

ANSWER

The ProPak is approved with a full range of cylinders from 3 litre through to 9 litre, both

composite and steel.

QUESTION

What is the cylinder connection type?

ANSWER

The cylinder connector is designed to connect into valves with outlets in accordance with EN144-2. This is the standard EN outlet type for breathing apparatus cylinder.

SPECIFICATIONS

PROPAK - SIGMA - SELF CONTAINED BREATHING APPARATUS

MATERIALS

Pressure Reducing Valve	Nickel Plated Brass
Rust Tube (Cyls)	Brass
Reducing Valve Seat	Polyamide (Nylon)
O-Rings	Nitrile, Silicone, EPDM
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
Facemask	Neoprene, Silicone or Procomp
Facemask Visor	Polycarbonate
MP Air Supply Hose	EPDM Cover, fabric braid reinforcement, EPDM liner
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve
Valve Handwheel (Cyls)	Glass filled Polyamide/ TPE
Harness	Kevlar blend webbing
Backplate	Glass and Carbon filled Nylon composite
Backpad	Flame retardant cross linked polyolefin closed cell foam covered in a Proban fabric
Cylinder Band	Kevlar blend webbing & Velcro
Strap Buckles	Glass filled polyamide
Cylinder	Steel or Composite
Cylinder Valve	Nickel Plated Brass
Demand Valve Casing	Glass filled Polyamide
Airline Belt Manifold	MP hose as above with brass fittings
Plastic Mounting Mouldings	Glass Filled Polyamide

WEIGHT / DIMENSIONS

Single configuration (less cylinder)	2.6kg
Single configuration & facemask (less cylinder)	3.2kg
Length	630mm
Width	285mm
Depth (with 6.0 litre 200 bar cylinder)	215mm

SPECIFICATIONS

APPROVALS

EN137 Type 2	Open circuit self contained compressed air breathing apparatus
EN136	Full facemasks for respiratory protective devices
AS1716	Australian approval for respiratory protective equipment
MED	Marine Equipment Directive (Shipswheel)

MAJOR COMPONENTS - PROPAK-SIGMA

Tempest Demand Valve

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility. Components injection moulded from polyamide with rubber seals and diaphragms.

Peak flow performance:-	in excess of 1000 litres/minute
Bypass flow:-	150 litres/minute nominal
Static positive pressure:-	1.0 - 4.0 mbar

Reducing Valve

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve.

Valve body and cap machined from nickel plated brass with stainless steel spring and hose retainer U-clips. Cylinder connector to EN144-1 threads for use with 200 and 300 bar cylinder

OUTLET PRESSURE

200 bar inlet:-	5.5 to 9.5 bar
300 bar inlet:-	6.0 to 11.0 bar
Pressure relief valve protected:-	13.5 bar
Flow restrictor to gauge supply hose	<25 litres minute

Pressure Indicator & Warning Whistle

Bourdon tube type dial indicator
Heat and Impact resistant polycarbonate lens
Safety blow-out vent in rear of gauge
Accuracy:- +/- 10 bar between 40-300 bar

Hoses

Stainless steel swivel hose fittings

MEDIUM PRESSURE HOSE

Maximum working pressure	16 bar
Minimum burst pressure	80 bar

HIGH PRESSURE HOSE

Maximum working pressure	450 bar
Minimum burst pressure	800 bar

SPECIFICATIONS

PROPAK-I - SELF CONTAINED BREATHING APPARATUS

MATERIALS

Pressure Reducing Valve	Nickel Plated Brass
Rust Tube (Cyls)	Brass
Reducing Valve Seat	Polyamide (Nylon)
O-Rings	Nitrile, Silicone, EPDM
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
Facemask	Neoprene, Silicone or Procomp
Facemask Visor	Polycarbonate
MP Air Supply Hose	EPDM Cover, fabric braid reinforcement, EPDM liner
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve
Valve Handwheel (Cyls)	Glass filled Polyamide/ TPE
Harness	Kevlar blend webbing
Backplate	Glass and Carbon filled Nylon composite
Backpad	Flame retardant cross linked polyolefin closed cell foam covered in a Proban fabric
Cylinder Band	Kevlar and Pyrogard blend webbing, Reflective thread
Strap Buckles	Glass filled polyamide
Cylinder	Steel or Composite
Cylinder Valve	Nickel Plated Brass
Demand Valve Casing	Glass filled Polyamide
Airline Belt Manifold	MP hose as above with brass fittings
Plastic Mounting Mouldings	Glass Filled Polyamide

WEIGHT / DIMENSIONS

Single configuration (less cylinder)	2.9kg
Single configuration & facemask (less cylinder)	3.5kg
Length	630mm
Width	285mm
Depth (with 6.0 litre 200 bar cylinder)	220mm

PACKING SPECIFICATION

Single configuration & facemask (less cylinder)

SPECIFICATIONS

APPROVALS

EN137 Type 2	Open circuit self contained compressed air breathing apparatus
EN136	Full facemasks for respiratory protective devices
AS1716	Australian approval for respiratory protective equipment
MED	Marine Equipment Directive (Shipswheel)

MAJOR COMPONENTS - PROPAK-I

Tempest Demand Valve

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility. Components injection moulded from polyamide with rubber seals and diaphragms.

Peak flow performance:-	in excess of 1000 litres/minute
Bypass flow:-	150 litres/minute nominal
Static positive pressure:-	1.0 - 4.0 mbar

Reducing Valve

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve.

Valve body and cap machined from nickel plated brass with stainless steel spring and hose retainer U-clips. Cylinder connector to EN144-1 threads for use with 200 and 300 bar cylinder

OUTLET PRESSURE

200 bar inlet:-	5.5 to 9.5 bar
300 bar inlet:-	6.0 to 11.0 bar
Pressure relief valve protected:-	13.5 bar
Flow restrictor to gauge supply hose	<25 litres minute

Pressure Indicator & Warning Whistle

Bourdon tube type dial indicator
Heat and Impact resistant polycarbonate lens
Safety blow-out vent in rear of gauge
Accuracy:- +/- 10 bar between 40-300 bar

Hoses

Stainless steel swivel hose fittings

MEDIUM PRESSURE HOSE

Maximum working pressure	16 bar
Minimum burst pressure	80 bar

HIGH PRESSURE HOSE

Maximum working pressure	450 bar
Minimum burst pressure	800 bar

SPECIFICATIONS

PROPAK-F - SELF CONTAINED BREATHING APPARATUS

MATERIALS

Pressure Reducing Valve	Nickel Plated Brass
Rust Tube (Cyls)	Brass
Reducing Valve Seat	Polyamide (Nylon)
O-Rings	Nitrile, Silicone, EPDM
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
Facemask	Neoprene, Silicone or Procomp
Facemask Visor	Polycarbonate
MP Air Supply Hose	EPDM Cover, fabric braid reinforcement, EPDM liner
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve
Valve Handwheel (Cyls)	Glass filled Polyamide/ TPE
Harness	Kevlar & Pyrogard blend webbing, reflective thread, Proban covered padding
Backplate	Glass and Carbon filled Nylon composite
Backpad	Flame retardant cross linked polyolefin closed cell foam covered in a Proban fabric
Cylinder Band	Kevlar and Pyrogard blend webbing, Reflective thread
Strap Buckles	Glass filled polyamide
Cylinder	Steel or Composite
Cylinder Valve	Nickel Plated Brass
Demand Valve Casing	Glass filled Polyamide
Airline Belt Manifold	MP hose as above with brass fittings
Plastic Mounting Mouldings	Glass Filled Polyamide

WEIGHT / DIMENSIONS

Single configuration (less cylinder)	3.2kg
Single configuration & facemask (less cylinder)	3.8kg
Length	630mm
Width	285mm
Depth (with 6.0 litre 200 bar cylinder)	220mm

SPECIFICATIONS

APPROVALS

EN137 Type 2	Open circuit self contained compressed air breathing apparatus
EN136	Full facemasks for respiratory protective devices
AS1716	Australian approval for respiratory protective equipment
MED	Marine Equipment Directive (Shipswheel)

MAJOR COMPONENTS - PROPAK-F

Tempest Demand Valve

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility. Components injection moulded from polyamide with rubber seals and diaphragms.

Peak flow performance:-	in excess of 1000 litres/minute
Bypass flow:-	150 litres/minute nominal
Static positive pressure:-	1.0 - 4.0 mbar

Reducing Valve

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve.

Valve body and cap machined from nickel plated brass with stainless steel spring and hose retainer U-clips. Cylinder connector to EN144-1 threads for use with 200 and 300 bar cylinder

OUTLET PRESSURE

200 bar inlet:-	5.5 to 9.5 bar
300 bar inlet:-	6.0 to 11.0 bar
Pressure relief valve protected:-	13.5 bar
Flow restrictor to gauge supply hose	<25 litres minute

Pressure Indicator & Warning Whistle

Bourdon tube type dial indicator
Heat and Impact resistant polycarbonate lens
Safety blow-out vent in rear of gauge
Accuracy:- +/- 10 bar between 40-300 bar

Hoses

Stainless steel swivel hose fittings

MEDIUM PRESSURE HOSE

Maximum working pressure	16 bar
Minimum burst pressure	80 bar

HIGH PRESSURE HOSE

Maximum working pressure	450 bar
Minimum burst pressure	800 bar

SPECIFICATIONS

PROPAK-FX - SELF CONTAINED BREATHING APPARATUS

MATERIALS

Pressure Reducing Valve	Nickel Plated Brass
Rust Tube (Cyls)	Brass
Reducing Valve Seat	Polyamide (Nylon)
O-Rings	Nitrile, Silicone, EPDM
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
Facemask	Neoprene, Silicone or Procomp
Facemask Visor	Polycarbonate
MP Air Supply Hose	EPDM Cover, fabric braid reinforcement, EPDM liner
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve
Valve Handwheel (Cyls)	Glass filled Polyamide/ TPE
Harness	Kevlar & Pyrogard blend webbing, reflective thread, Proban fabric covered padding
Backplate	Glass and Carbon filled Nylon composite
Backpad	Flame retardant cross linked polyolefin closed cell foam covered in a Proban fabric
Cylinder Band	Kevlar and Pyrogard blend webbing, Reflective thread
Strap Buckles	Glass filled polyamide
Cylinder	Steel or Composite
Cylinder Valve	Nickel Plated Brass
Demand Valve Casing	Glass filled Polyamide
Airline Belt Manifold	MP hose as above with brass fittings
Plastic Mounting Mouldings	Glass Filled Polyamide

WEIGHT / DIMENSIONS

Single configuration (less cylinder)	3.4kg
Single configuration & facemask (less cylinder)	4kg
Length	630mm
Width	285mm
Depth (with 6.0 litre 200 bar cylinder)	220mm

PACKING SPECIFICATION

Single configuration & facemask (less cylinder)

SPECIFICATIONS

APPROVALS

EN137 Type 2	Open circuit self contained compressed air breathing apparatus
EN136	Full facemasks for respiratory protective devices
AS1716	Australian approval for respiratory protective equipment
MED	Marine Equipment Directive (Shipswheel)
ISO 23269-2,3,4	

MAJOR COMPONENTS - PROPAK-FX

Tempest Demand Valve

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility. Components injection moulded from polyamide with rubber seals and diaphragms.

Peak flow performance:-	in excess of 1000 litres/minute
Bypass flow:-	150 litres/minute nominal
Static positive pressure:-	1.0 - 4.0 mbar

Reducing Valve

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve.

Valve body and cap machined from nickel plated brass with stainless steel spring and hose retainer U-clips. Cylinder connector to EN144-1 threads for use with 200 and 300 bar cylinder

OUTLET PRESSURE

200 bar inlet:-	5.5 to 9.5 bar
300 bar inlet:-	6.0 to 11.0 bar
Pressure relief valve protected:-	13.5 bar
Flow restrictor to gauge supply hose	<25 litres minute

Pressure Indicator & Warning Whistle

Bourdon tube type dial indicator
Heat and Impact resistant polycarbonate lens
Safety blow-out vent in rear of gauge
Accuracy:- +/- 10 bar between 40-300 bar

Hoses

Stainless steel swivel hose fittings

MEDIUM PRESSURE HOSE

Maximum working pressure	16 bar
Minimum burst pressure	80 bar

HIGH PRESSURE HOSE

Maximum working pressure	450 bar
Minimum burst pressure	800 bar

PRICE LIST €

PROPAK SIGMA



PROPAK SIGMA				
Article Number	Part Code	Description	Add	€ Unit
2027156	PROPAK-SIGMA-PS (V2)	<p>ProPak Sigma is a self contained positive pressure breathing apparatus complete with PanaSeal positive pressure facemask in black Neoprene, lightweight rigid backplate with fully adjustable harness and adjustable webbing cylinder band.</p> <p>The backplate is manufactured from a lightweight composite material and includes a lumbar pad. The fully adjustable body harness is fabricated from a flame retardent Kevlar blend webbing. Buckles and fittings are injection moulded from a corrosion resistant polyamide.</p> <p>The two stage pneumatic system features a first breath activated positive pressure demand valve, a first stage pressure reducing valve with an integral 200/300 bar cylinder connector and a shoulder mounted pressure gauge with 55 bar whistle.</p> <p>The ProPak Sigma will accept all Scott B.A. cylinders* Apparatus is CE Marked to EN137:2006 Type 2 and MED approved</p> <p>*Please note to maintain the cylinder valve handwheel on the normal right hand side of the SCBA please order the cylinders fitted with the right angled valve. These cylinders have the suffix -RA</p>		1010.00
2027157	PROPAK-SIGMA-VIS (V2)	As above but with Vision 3 facemask.		1010.00
2027150	PROPAK-SIGMA (V2)	As above but without facemask.		820.00
2027152	PROPAK-SIGMA-AC (V2)	As above but fitted with Airline attachment*. (no mask)		960.00
2027153	PROPAK-SIGMA-SDC (V2)	As above but fitted with Split demand valve (no mask)		895.00
2027155	PROPAK-SIGMA-SDCAC (V2)	As above but fitted with Split demand valve and Airline attachment*. (no mask)		1035.00

PRICE LIST €

PROPAK SIGMA

Article Number	Part Code	Description	Add	€ Unit
2027154	PROPAK-SIGMAY2C (V2)	As above but fitted with Y-piece (2 CEN socket) in demand valve hose. (no mask) * Please note the airline attachment has both air in and air out functionality so therefore serves as both an RSM and decontamination attachment as well as Airline.		900.00

PROPAK SIGMA ACCESSORIES

Article Number	Part Code	Description	Add	€ Unit
2020207	2020207	Chest strap		20.10
1035685	089.124.00	Testkit & toolkit combined (not including 074.285.00) - Contour/Propak/ACS		1169.00
1035686	089.124.01	Testkit only - Contour/Propak/ACS		527.00
1033779	074.083.00	Toolkit only - Contour/Propak/ACS		621.00
1023116	035.016.03	Cylinder pressure test gauge 200/300 bar		189.00
1034744	084.059.00	Breathing apparatus log book - Fire Brigade version		13.70
1034745	084.059.01	Breathing apparatus log book - Industrial version		13.70
2014810	2014810	Moulded B.A. carrying case for 1 apparatus c/w cylinder		183.00

PRICE LIST €

PROPAK-I



PROPAK-I

Article Number	Part Code	Description	Add	€ Unit
2027166	PROPAK-I (V2)	<p>ProPak-i self contained breathing apparatus for single cylinder use, comprising lightweight rigid backplate with cylinder band and fully adjustable body harness:</p> <p>Two stage pneumatic system comprising Tempest automatic positive pressure demand valve with bypass: shoulder mounted pressure indicator and 55 bar warning whistle: first stage pressure reducer with single high pressure 200/300 bar cylinder connector. Harness fabricated from hard wearing flame retardant Kevlar blend webbing and apparatus features unpadded upper shoulder straps a padded waistbelt and lumbar padding</p> <p>Apparatus accepts full range of Scott breathing apparatus cylinders from 4.7 to 9 litres capacity, 200 or 300 bar.*</p> <p>Apparatus is CE Marked to EN137:2006 Type 2 and MED approved</p> <p>Apparatus supplied less facemask, please order desired mask separately.</p> <p>*Please note to maintain the cylinder valve handwheel on the normal right hand side of the SCBA please order the cylinders fitted with the right angled valve. These cylinders have the suffix -RA</p>		1135.00
2027167	PROPAK-i-AC (V2)	As above but fitted with Airline attachment*.		1275.00
2027168	PROPAK-i-SDC (V2)	As above but fitted with Split demand valve		1210.00
2027170	PROPAK-i-SDC-AC (V2)	As above but fitted with Split demand valve and Airline attachment*.		1350.00

PRICE LIST €

PROPAK-I

Article Number	Part Code	Description	Add	€ Unit
2027169	PROPAK-i-Y2C (V2)	As above but fitted with Y-piece (2 CEN socket) in demand valve hose 1215.00 * Please note the airline attachment has both air in and air out functionality so therefore serves as both an RSM and decontamination attachment as well as Airline.		1215.00

PROPAK-I ACCESSORIES

Article Number	Part Code	Description	Add	€ Unit
2020207	2020207	Chest strap		20.10
1035685	089.124.00	Testkit & toolkit combined (not including 074.285.00) - Contour/Propak/ACS		1169.00
1035686	089.124.01	Testkit only - Contour/Propak/ACS		527.00
1033779	074.083.00	Toolkit only - Contour/Propak/ACS		621.00
1023116	035.016.03	Cylinder pressure test gauge 200/300 bar		189.00
1034744	084.059.00	Breathing apparatus log book - Fire Brigade version		13.70
1034745	084.059.01	Breathing apparatus log book - Industrial version		13.70
2014810	2014810	Moulded B.A. carrying case for 1 apparatus c/w cylinder		183.00

PRICE LIST €

PROPAK-F



PROPAK-F				
Article Number	Part Code	Description	Add	€ Unit
2027182	PROPAK-f (V2)	<p>ProPak-f self contained breathing apparatus for single cylinder use, comprising lightweight rigid backplate with cylinder band and fully adjustable padded body harness.</p> <p>Two stage pneumatic system comprising Tempest automatic positive pressure demand valve with bypass: shoulder mounted pressure indicator and 55 bar warning whistle: first stage pressure reducer with single high pressure 200/300 bar cylinder connector.</p> <p>Harness fabricated from Kevlar and Pyrogard blend webbing and Proban material and apparatus features lumbar padding. Webbing contains reflective thread.</p> <p>Apparatus accepts full range of Scott breathing apparatus cylinders from 4.7 to 9 litres capacity, 200 or 300 bar.*</p> <p>Apparatus is CE Marked to EN137:2006 Type 2 and MED approved</p> <p>Apparatus supplied less facemask, please order desired mask separately.</p> <p>*Please note to maintain the cylinder valve handwheel on the normal right hand side of the SCBA please order the cylinders fitted with the right angled valve. These cylinders have the suffix -RA</p> <p>Variants of sets are available that will accept the 379 bar cylinder technology available from Scott Safety. Please contact us for full details.</p>		1360.00
2027183	PROPAK-f-AC (V2)	As above but fitted with Airline attachment*.		1500.00
2027184	PROPAK-f-SDC (V2)	As above but fitted with Split demand valve.		1435.00
2027186	PROPAK-f-SDC-AC (V2)	As above but fitted with Split demand valve and Airline attachment*.		1575.00

PRICE LIST €

PROPAK-F				
Article Number	Part Code	Description	Add	€ Unit
2027185	PROPAK-f-Y2C (V2)	As above but fitted with Y-piece (2 CEN socket) in demand valve hose * Please note the airline attachment has both air in and air out functionality so therefore serves as both an RSM and decontamination attachment as well as Airline.		1440.00
	-QC	Cylinder Quick Connect on reducer. Please add suffix -QC to required part number to receive a set fitted with the Quick connect system. Please note cylinder adaptor 2020714 also required - sold seperately, see below	Add	250.00
	-DUO	As above with extended cylinder band to allow single or two cylinder use. (Man-200 or Man-300 also required)	Add	35.00

PROPAK-F ACCESSORIES				
Article Number	Part Code	Description	Add	€ Unit
2020714	2020714	Quick fit adaptor for 300 bar cylinder valves		77.75
2020421	2020421	ACS Harness ties - Pack of 5		26.75
2018906	2018906	Demand Valve hose clips - Pack of 10		10.70
2018905	2018905	Pressure gauge hose clips - Pack of 10		10.70
2018910	2018910	D-Rings - Pack of 10		10.70
2020207	2020207	Chest strap		20.10
2023113	2023113	DV Holder/Parking port		30.15
1035685	089.124.00	Testkit & toolkit combined (not including 074.285.00) - Contour/Propak/ACS		1169.00
1035686	089.124.01	Testkit only - Contour/Propak/ACS		527.00
1033779	074.083.00	Toolkit only - Contour/Propak/ACS		621.00
1023116	035.016.03	Cylinder pressure test gauge 200/300 bar		189.00
1034744	084.059.00	Breathing apparatus log book - Fire Brigade version		13.70
1034745	084.059.01	Breathing apparatus log book - Industrial version		13.70
2014810	2014810	Moulded B.A. carrying case for 1 apparatus c/w cylinder		183.00

PRICE LIST €

PROPAK-FX



PROPAK-FX				
Article Number	Part Code	Description	Add	€ Unit
2027195	PROPAK-fx (V2)	<p>ProPak-f self contained breathing apparatus for single cylinder use, comprising lightweight rigid backplate with cylinder band and fully adjustable padded body harness.</p> <p>Two stage pneumatic system comprising Tempest automatic positive pressure demand valve with bypass: shoulder mounted pressure indicator and 55 bar warning whistle: first stage pressure reducer with single high pressure 200/300 bar cylinder connector.</p> <p>Harness fabricated from Kevlar and Pyrogard blend webbing and Proban material and apparatus features lumbar padding. Webbing contains reflective thread.</p> <p>Apparatus accepts full range of Scott breathing apparatus cylinders from 4.7 to 9 litres capacity, 200 or 300 bar.*</p> <p>Apparatus is CE Marked to EN137:2006 Type 2 and MED approved</p> <p>Apparatus supplied less facemask, please order desired mask separately.</p> <p>*Please note to maintain the cylinder valve handwheel on the normal right hand side of the SCBA please order the cylinders fitted with the right angled valve. These cylinders have the suffix -RA</p> <p>Variants of sets are available that will accept the 379 bar cylinder technology available from Scott Safety. Please contact us for full details.</p>		1400.00
2027196	PROPAK-fx-AC (V2)	As above but fitted with Airline attachment*.		1540.00
2027197	PROPAK-fx-SDC (V2)	As above but fitted with Split demand valve.		1475.00
2027199	PROPAK-fx-SDC-AC (V2)	As above but fitted with Split demand valve and Airline attachment*.		1615.00

PRICE LIST €

PROPAK-FX				
Article Number	Part Code	Description	Add	€ Unit
2027198	PROPAK-fx-Y2C (V2)	As above but fitted with Y-piece (2 CEN socket) in demand valve hose * Please note the airline attachment has both air in and air out functionality so therefore serves as both an RSM and decontamination attachment as well as Airline.		1480.00
	-QC	Cylinder Quick Connect on reducer. Please add suffix -QC to required part number to receive a set fitted with the Quick connect system. Please note cylinder adaptor 2020714 also required - sold separately, see below	Add	250.00
	-DUO	As above with extended cylinder band to allow single or two cylinder use. (Man-200 or Man-300 also required)	Add	35.00

PROPAK-FX ACCESSORIES				
Article Number	Part Code	Description	Add	€ Unit
2020714	2020714	Quick fit adaptor for 300 bar cylinder valves		77.75
2020421	2020421	ACS Harness ties - Pack of 5		26.75
2018906	2018906	Demand Valve hose clips - Pack of 10		10.70
2018905	2018905	Pressure gauge hose clips - Pack of 10		10.70
2018910	2018910	D-Rings - Pack of 10		10.70
2020207	2020207	Chest strap		20.10
2023113	2023113	DV Holder/Parking port		30.15
1035685	089.124.00	Testkit & toolkit combined (not including 074.285.00) - Contour/Propak/ACS		1169.00
1035686	089.124.01	Testkit only - Contour/Propak/ACS		527.00
1033779	074.083.00	Toolkit only - Contour/Propak/ACS		621.00
1023116	035.016.03	Cylinder pressure test gauge 200/300 bar		189.00
1034744	084.059.00	Breathing apparatus log book - Fire Brigade version		13.70
1034745	084.059.01	Breathing apparatus log book - Industrial version		13.70
2014810	2014810	Moulded B.A. carrying case for 1 apparatus c/w cylinder		183.00



High performance, rugged dependability, trusted technology

The complete Propak range is approved to EN137:2006 Type 2, incorporating the stringent Full Flame Engulfment Test, meaning that whichever specification of unit you choose you can be assured that it has been refined to an unequal level of performance.



Scott Safety is a global business unit of Tyco International that supplies a variety of industries through manufacturing facilities located in the United States, United Kingdom, Asia, Finland and Australia.

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