

# PROPAK

*HIGH PERFORMANCE, RUGGED DEPENDABILITY, TRUSTED TECHNOLOGY*



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## 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.





## 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.



### 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.



## 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

