

# TECHNICAL DATASHEET

## PROPAK-FX-EZ-FLO - SELF CONTAINED BREATHING APPARATUS



### DESCRIPTION

The Scott Safety ProPak-FX-EZ-FLO 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-FX-EZ-FLO 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-EZ-FLO is used in conjunction with AV3000HT facemask and a choice of composite or steel cylinders.

### APPLICATIONS

The ProPak-FX-EZ-FLO 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

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| Technical Specifications     |  |
|------------------------------|--|
| 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 nylon   |

## 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.

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| Technical Specifications  |                                 |
|---|---------------------------------|
| <b>EZ-Flo Demand Valve</b>  |                                 |
| Ergonomically designed demand valve featuring low breathing resistance, anti fogging spray bar and automatic first breath activation.   |                                 |
| First breath activation   | -12.5 to -7.5 mbar              |
| Bypass flow   | Variable between 130 to 295 lpm |
| <b>Reducing Valve</b>   |                                 |
| 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               |
| <b>Pressure Indicator &amp; Warning Whistle</b>   |                                 |
| 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   |
| <b>Hoses</b>  |                                 |
| 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                         |
| <b>Weight/ Dimensions</b>   |                                 |
| Single configuration (less cylinder)  | 3.5KG                           |
| Single configuration & facemask (less cylinder)   | 4.5KG                           |
| Length  | 630mm                           |
| Width   | 285mm                           |
| Depth (with 6.0 litre 200 bar cylinder)   | 220mm                           |