

3M™ Scott™ ProPak-f EZ-Flo Self-Contained Breathing Apparatus



Description

The 3M™ Scott™ ProPak-f 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 3M™ ProPak-f EZ-Flo breathing apparatus 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. It is used in conjunction with 3M™ Scott™ AV3000HT facemask and a choice of composite or steel cylinders.

Applications

The 3M™ Scott™ ProPak-f EZ-Flo breathing apparatus is specifically designed as a professional fire fighting SCBA, but is also suitable for providing respiratory protection in any Immediately Dangerous to Life and Health (IDLH) environment.

Maintenance/cleaning/servicing

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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Specifications

Approvals

CE marked in accordance with EN 137:2006: Type 2

Materials

Pressure reducing valve	Nickel plated brass
Rust tube (cylinders)	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 cylinders)	Glass filled polyamide/TPE
Harness	Kevlar® and Pyrogard blend webbing with flame retardant PROBAN® covered flame retardant foam, reflective thread
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 nylon

3M™ Scott™ EZ-Flo demand valve

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

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.

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 and 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
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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)	3.5kg
Single configuration and facemask (less cylinder)	4.3kg
Length	630mm
Width	285mm
Depth (with 6.0 litre 200 bar cylinder)	220mm