

Self-Contained Breathing Apparatus Type 2 – Fire Fighting

The **SHIELD 7000** is a Self-Contained Breathing Apparatus specifically designed for Fire Fighting. The product adds the highest degree of Safety and Comfort to the wearer at the time of Structural Fire Fighting Operations.

The Fire Fighting Model is with high resistant to flames and helps the Fire fighter to face the circumstances much easier. The product is also highly resistant to Flash Fire Tests as per **EN 137: 2006 standard**.

Fitted with automatic demand valve, which keeps positive pressure inside the mask avoiding any positive pressure inward leakages. The demand valve is connected to the medium pressure hose by means of a quick coupling, which allows it to disconnect easily for maintenance.

The warning whistle system activates when the pressure drops below 55 bar. The signal originates when the inhalation activates. The location of the warning device protects it from dirt or frost.

The back plate is made of vacuum formed polypropylene material. The Back plate is extremely robust and anatomically shaped to allow a comfortable distribution of weight and remains steady on the wearer's back even when crouching or crawling. The supporting harness is provided with a special Shield padding to be in comfort at usage. All harnesses and padding are Fire Retardant.

Handling area provided integral with the back plate for carrying the set along. The pressure reducer keeps the outlet pressure constant throughout the emptying of the cylinder and is connected to an easy to read phosphorescent gauge. The cylinder has a pressure of 300 bar and is fitted with a valve according to EN 144.



Products involved

Full Face Mask

Can be equipped with two different type of masks in EPDM:

- FFMFR-COMM
Mask with Communication system, Walkie Talkie connection, Heads Up Display System
With inner mask and panoramic visor to view 180 Degree
- FFMNR-INDS
Mask used for Industrial Applications, Fire Fighting Applications etc.
With inner mask and panoramic visor to view 180 Degree

Demand Valve

- With bayonet connector

Cylinders

Shall be equipped with the following types of cylinders

Volume	Pres. Bar	Material
6.0 Liters	300	Steel
6.8 Liters	300	Carbon Composite
9 Liters	300	Carbon Composite

Technical Data

- Automatic Demand Valve with Integral Alarm
- Pressure Gauge – Pneumatic and Integral
- Setting up of Alarm 55 ± 5 Bar
- Cylinder Pressure 300 Bar

Storage

Store at temperatures between -20 Degree C and +50 Degree C

Weight

15 Kgs approx. with Mask and Fully charged Steel Cylinder

10 Kgs approx. with Mask and Fully charged Composite Cylinder

Packing Dimensions

Approx. 730 x 550 x 360 mm with the ABS carrying case

Note

Additional Items which we can support for:

- Full Face Mask
- Demand Valve
- Cylinders - Spare

For more information, please check the notes along with the products.

NOTE: Shield Fire, Safety & Security Ltd; does not take any responsibility for any possible and unintentional mistake and reserve the faculty of modify materials and technical characteristics of its products at any time and without any notice.

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