

ST54™ SCBA

Self-Contained Breathing Apparatus

AVON
PROTECTION

**ST54™
BACKFRAME**



FM53|M53A1



FM54

Avon's state-of-the-art ST54™ Tactical Operator SCBA has been developed specifically for the tactical officer and technician applications where the operator needs to respond to ever changing operational conditions.

The ST54™ SCBA is the base to a multi-mission Respiratory Protection System which provides for operational flexibility to the operator and mission commanders in the field to tailor the PPE response based on the available intelligence. Depending on the threat or operational situation at the scene of an incident, the ST54 SCBA can be configured to provide the appropriate protection.

The ST54™ SCBA combines Avon Protection Systems' M53A1, FM53 and FM54 respirators (see respirator datasheets for further details) with new and innovative modular breathing apparatus technology to provide positive pressure SCBA and/or PAPR capability. The ST54™ system provides the operator with total flexibility to select the necessary level of protection quickly and efficiently without degradation of operational effectiveness. Designed with the tactical mission in mind, the system incorporates non-reflective black components and warning whistle which can be silenced.

The standard ST54™ backframe two piece composite assembly with universal cylinder band to accommodate a variety of DOT approved stealth black cylinders from 4500- 5500 psi; 30, 45, 60, and 70 minute duration (70 minute only available with 5500 psi system).

Cylinder Valve

The ST54™ includes a non-locking black painted brass cylinder valve.

Cylinder Monitoring

The ST54™ backframe option includes a remotely accessible, chest mounted pressure gauge for monitoring pressure and a whistle end of service alarm which has the option to be disabled if required.

Compact Demand Valve (CDV) 40mm

The world's smallest, most compact chemically hardened demand valve provides constant positive pressure.

The CDV can be mounted to either side of the respirator. It is unobtrusive and allows excellent integration with weapons and other tactical gear.

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