

# Durable by design.

NFPA 1986 Standard:

### What is it?

NFPA 1986: Standard on Respiratory Protection Equipment for Tactical and Technical Operations was created by a consensus committee made up of law enforcement, military and HAZMAT personnel. To pass the rigorous NFPA 1986 requirements, the SCBA is designed and tested to withstand chemical, radiological, biological and nuclear threats.

NFPA 1986 is a standard establishing the minimum levels of SCBA performance for respiratory protection for emergency services personnel in non-firefighting Immediately Dangerous to Life or Health (IDLH) operations, including law enforcement, tactical operations, confined space rescue, hazardous materials (HAZMAT) response, and Urban Search and Rescue (US&R).

#### 3M<sup>™</sup> Scott<sup>™</sup> X3-21 Pro SCBA

#### **Natural Articulation**

Promotes greater range of motion and minimizes wear and tear.

#### **Proven Regulator Design**

Low breathing resistance helps reduce user burden.

#### **Harness Materials**

Greater resistance to chemical exposure helps minimize contamination.

#### **Removable Harness**

Allows for cleaning to help with exposure reduction.

### MOLLE-compatible\* Shoulder Harness

Improves donning and minimizes pressure points.

#### Comfort

The lightweight and durable backframe is designed to place the bulk of the SCBA's weight on the hips.

Proudly "Made in the USA" with attention to quality and workmanship



The 3M™ Scott™ X3-21 Pro SCBA has the durability, reliability and CBRN certification responders need to succeed in their mission. Redundant safety features, including the dual-redundant pressure reducer, are designed to help the SCBA perform, while also providing operators peace of mind.



#### **Tactical Black Harness**

No reflective materials helps reduce operator signature.

#### **Redundant Safety Features**

Including the dual-redundant pressure reducer, are designed to help the SCBA perform, while also providing operators peace of mind.

#### 5500 PSIG Cylinder Technology

Minimized weight and profile helps reduce user fatigue.

#### Ease of Use

Simple-to-use SCBA designed with operational efficiencies and ease of training in mind.

#### **EBSS Option**

Provides compatibility between SCBA for "buddy breathing".

#### **Snap-Change Option**

Provides rapid cylinder replacement (CGA-Threaded also available).

# The only SCBA with a dual-redundant pressure reducer.

The dual-redundant pressure reducer provides an automatic back-up which increases the overall reliability of the system.

Additionally, the dual-redundant pressure reducer allows for no mandatory overhaul schedule and no forced parts replacement, leading to simplified logistics and lower cost of ownership.

## Capable. Comfortable. Confident.

The 3M<sup>™</sup> Scott<sup>™</sup> AV-3000 HT and 3M<sup>™</sup> Scott<sup>™</sup> Vision C5 Facepieces offer a broader array of options for different applications and user needs.

#### 3M™ Scott™ AV-3000 HT Facepiece



- NIOSH approved and certified to NFPA 1986 when used with the X3-21 Pro SCBA
- NIOSH CBRN approved with Cap-1 Canister for multiple modes of operation (Top-Down Convertibility)
- ► Compatible with 3M<sup>TM</sup> Scott<sup>TM</sup> Sight In-Mask Thermal Imager
- ► Compatible with 3M<sup>TM</sup> Scott<sup>TM</sup> EPIC 3 Voice Communications
- Available with right or left communication brackets

#### 3M™ Scott™ Vision C5 Facepiece



- Facepiece can be utilized with multiple SCBA types, enabling interagency compatibility for firefighting and other applications
- Wider field of view allows tactical operator to focus on situation awareness
- Removable Head Harness. Helps provide secure fit while minimizing adjustment during donning and is easily removable for cleaning. Available in a 4-strap or 5-strap configuration
- Optional in-mask microphone and bone conduction headphone helps to enhance two-way radio communications for improved situational awareness
- Most tactical operators can achieve a sight picture with a service rifle while wearing a 3M<sup>™</sup> Scott<sup>™</sup> AV-3000 HT, AV-3000 SureSeal or Vision C5 facepiece\*

\*Based on operator's training and experience, and equipment configuration.



#### Interoperability and Low Cost of Ownership.

- The X3-21 Pro is compatible with the 3M<sup>™</sup> Scott<sup>™</sup> Air-Pak<sup>™</sup> X3 Pro SCBA (firefighting) so inter-agency and inter-regional tasks can be easily realized.
- When police and fire departments share a common 3M Scott SCBA platform, cost savings may be realized due to the ability to share cylinders, air compressors, service centers, training and fit testing.
- NFPA 1986 certification provides eligibility for federal funding in programs that require equipment to possess NFPA certification.

Get the SCBA that's made for the mission at 3M.com/X3-21Pro.



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