

PRODUCT NUMBER: 1815746

# Bio-S-Cape composite version including 3L 200 bar composite air cylinder (15 minutes duration)

The Bio-S-Cape is a compressed air emergency escape breathing device designed to offer easy donning, combined with optimal respiratory protection. It is contained in a bag for carrying which, when opened, automatically triggers the supply of breathable air from the cylinder. Overpressure maintained inside the hood eliminates any risk of inhaling toxic gases. The hood is adjusted automatically thanks to the integrated inflatable air cushion on the back of the head. This system allows the hood to fit securely over the head, offering greater respiratory comfort and leaving the hands free during donning, ensuring the highest level of safety. An alarm whistle indicates when the air supply is about to run out. Supplied with (empty) 3L composite cylinder. Duration = 15 minutes

Total dimensions = 500x160x180 mm (19,7x6,3x7,1") Weight = 3,58 kg / 7,9 lbs

# Honeywell

# Overview

### Reference Number

1815746

### **Product Type**

Respiratory Protection

# Range

SCBA (Self Contained Breathing Apparatus)

# Line

Compressed airline filtration systems

### **Brand**

Honeywell

# Brand formerly known as

**SPERIAN** 

# Industry

• Chemical Industries • Petro-chemical

# **Features & Benefits**

### Feature

Adjustable hood for all face shapes and accommodates all types of facial hair and spectacles.

# Benefit

Optimal comfort

### Feature

Wide-angle lens without optical distortion.

### **Benefit**

Optimal comfort

### **Feature**

Reduced weight composite cylinder

### **Benefit**

Optimal comfort

### **Feature**

Adjustable carrying strap(optional hip belt).

### **Benefit**

Optimal comfort

### **Feature**

Improved visibility and reduced internal reflections at the visor thanks to a dark inner surface to the hood.

### **Benefit**

Optimal comfort

### **Feature**

Reducer triggered automatically when the bag is opened.

### **Benefit**

Easy to use

### **Feature**

Back of the head cushion inflates automatically to keep hood it in place.

### **Benefit**

Easy to use

### **Feature**

Recharging port (EN), allowing the apparatus to be refilled after use.

### Benefit

Easy to use

### **Feature**

High-visibility hood, resistant to extreme temperature, humidity and chemical environments.

### **Benefit**

Optimal safety

### Feature

Fully airtight, comfortable and tear-resistant neck seal thanks to rip stop line on the neck seal.

# Benefit

Optimal safety

### **Feature**

Gauge visible at all times: easy to check pressure during storage inspection and escape.

### Benefit

Optimal safety

### Feature

Powerful alarm whistle to indicate end of operation and nonmetallic: positioned next to the ear and does not consume air(air re-injected into the hood).

### **Benefit**

Optimal safety

### Feature

Durable PVC carrying bag with a cylinder securing system.

### **Benefit**

Optimal safety

# Feature

Silicone "anti-kink" hose(spring loaded).

# Benefit

Optimal safety

### **Feature**

Liquid accumulation reduction system on the bag to prevent the risk of accumulation of salt spray inside the bag when stored outside on a boat.

# **Benefit**

Optimal safety

### **Feature**

Label only accessible from inside the bag to avoid accidental removal.

### Benefit

Optimal safety

# **Technical Description**

# **EBA**

### Standard

EN 1146:2005, ISO 23269-1:2008, SOLAS, MED, IMO, MSC

### Hood

Hood with wide field of vision (without optical distortion) equiped with synthetic, non-allergenic soft rubber with a tear-resisstant system

### **Hood Material**

Polyurethane

# **Backpack Harness**

Durablecarrying bag, quick opening, fluorescent strips, safety seal, large window, liquid accumulation reduction system

### **Backpack Harness Material**

PVC (orange)

# **Pneumatics**

3 liters 200 bar composite air cylinder (empty - can be filled upon request)

# Stage 1 Pressure Reducer

Triggered when opening the bag; including an integrated EN charging plug

### **Operating Temperature Rate**

-15°C/+60°C

### **Optional Carrying Case**

Wall-mounted storage box for Bio-S-Cape

# **Certifications**

E.C. Declaration of Conformity

# **EC Category PPE**

3

# **Quality Assurance**

ISO 9001 / 2000

# **EC Certificate Number**

EC/S/1961/2012

### **EC Attestation**

EC Attestation

# **EC Attestation Number**

EC/S/1961/2012

# Certifications

• EN 1146:2005

# **REACH**

# EU Regulation 1907/2006 (REACH) Compliance

The substance(s) listed below may be contained in this product above the threshold level of 0.1% by weight of the listed article.

Product Reference Sold in Europe	Substance > 0.1%
Substance Name	CAS Number
No Substance Content	

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http://www.honeywellsafety.com/supplementary/documents\_and\_downloads/secured /respiratory\_protection/4294986876/1033.aspx

# **Additional Information**

**User Manual** 

BIO-S-CAPE user manual

**User Information Sheet** 

Technical datasheet Bio-S-Cape

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