



PRODUCT NUMBER: 1815732
Bio-S-Cape steel version
including 3L 200 bar steel 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 steel cylinder.

Duration = 15 minutes

Total dimensions = 500x160x180 mm (19,7x6,3x7,1")

Weight = 5,36 kg / 11,8 lbs

Honeywell

Overview

Reference Number

1815732

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

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) equipped with synthetic, non-allergenic soft rubber with a tear-resistant system

Hood Material

Polyurethane

Backpack Harness

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

Backpack Harness Material

PVC (orange)

Pneumatics

3 liters 200 bar steel 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	

MED certificate

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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Certificate

of EC type examination No. EC/S/1961/2012

instead of certificate No. EC/S/1819/2011

Product:

*Self-contained open-circuit compressed air breathing apparatus
incorporating a hood for escape*

Type (variations):

FENZY BIO-S-CAPE (10 min, 15 min, 20 min)

Name and address of the manufacturer/authorised representative:

*HONEYWELL RESPIRATORY SAFETY PRODUCTS
HONEYWELL GROUP
ZI Paris Nord II - BP 50 288, 33 rue des Vanesses, 95 958 ROISSY CDG Cédex
France*

Name and address of the manufacturer/place of origin:

*HONEYWELL RESPIRATORY SAFETY PRODUCTS
HONEYWELL GROUP
ZI Paris Nord II - BP 50 288, 33 rue des Vanesses, 95 958 ROISSY CDG Cédex
France*

**Product meets the basic safety and health requirements of the Directive 89/686/EEC / the ordinance
of the Ministry of Economy of 21st December 2005 concerning basic requirements
for personal protective equipment (Dz. U. No 259, item 2173)**

Period of validity: 12 October 2012 – 11 October 2017

*acting Head of the Centre
for Certification of Products*

Monika Drygala-Puto
Monika Drygala – Puto M.Sc.

Warsaw, 12 October 2012

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Description of product:

The FENZY BIO-S-CAPE is a self-contained open-circuit compressed air breathing apparatus equipped with a hood to be used during escape to protect respiratory tracks of end-users in toxic atmospheres with insufficient concentration of oxygen in breathable air.

The FENZY BIO-S-CAPE consists of:

- *hood with exhalation valve;*
- *body harness;*
- *pressure reducer unit;*
- *pressure indicator;*
- *connecting hoses;*
- *compressed air pressure vessels (according to nominal time of use respectively);*
- *carrying bag.*

Photo:



Basic parameters:

(class, category, protection level)

- FENZY BIO-S-CAPE – class 10 min;
- FENZY BIO-S-CAPE – class 15 min;
- FENZY BIO-S-CAPE – class 20 min

Identification of provided documentation:

- application for EC type-examination No. 1882/2012 of 1.10.2012;
- technical documentation including configurations of the apparatus No. 010-07-BE-CIOP-02 of 11.08.2012;
- instruction of use NU 1102870 dated 07.2012;
- manufacturer declaration concerning materials properties of 30.09.2012

Product/model of product provided with the application for EC type-examination is in accordance with technical documentation.

Product meets the requirements of harmonized standards:

EN 1146:2005 „Respiratory protective devices for self-rescue. Self-contained open circuit compressed air breathing apparatus incorporating a hood for escape. Requirements, testing, marking”

Confirmed with the reports performed by:

1. INRS, Institut National de Recherche et de Sécurité, Vandoeuvre Les Nancy, France;
2. CIOP-PIB, Department of Personal Protective Equipment, Lodz, Poland

Test reports No:

1. 02RE31201779 of 26.06.2002
2. 460/PB/2012/NO of 17.09.2012, 499/PZ/2011/NO 18.10.2011

Marking:

On the label: The name and address of manufacturer: HONEYWELL, Honeywell Respiratory Safety Products ZI Paris Nord 2- BP 50288, 95 958 ROISSY CDG Cédex, France, The name of the product: FENZY BIO-S-CAPE, Sentence: see information supplied by the manufacturer, Month and year of manufacture, Part number, Class, Date of manufacture, Serial number; On the carrying bag: The number and year of publication of European Standard: EN 1146:2005; Pictograms related to use, Sentence: For escape only.

NOTICE 1:

All and any product modifications concerning this certificate should be notified to the Centre for Certification of Products of the Central Institute for Labour Protection-National Research Institute. This certificate remains valid until the harmonized standard referred to above can be applied as a basis for product assessment. Should this standard be amended, a notified body will advise a certificate holder on the scope of the introduced modifications and on the date from which a new edition of the standard will be applied to the product assessment process.

NOTICE 2:

Alteration or forgery of the content or the marking of the certificate (a copy or a scan of it) or using such a document as authentic is an offence according to the article 270 § 1 of the Polish Criminal Code.



E.C. Declaration of Conformity

The manufacturer or its legal representative supplier in the European Community:

Honeywell Safety Products Europe

Declares that the Personal Protective Equipment described here after conforms to the provisions of the European Council Directive 89/686/CEE:

Designation: Bio-S-Cape steel version including 3L 200 bar steel air cylinder (15 minutes duration)

Reference: 1815732

Standard(s): EN1146

This PPE is the object of the below EC examination certificate n°:

EC/S/1961/2012

And is subject to the procedure set out in Article 11 point B of Directive 89/686/EEC under the supervision of the below notified body.

Delivered by:

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Drawn up in Villers-Cotterêts, on the 14/03/2016

By: E. PUILLE

Division: Respiratory Protection

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