



EMERGENCY ESCAPE BREATHING DEVICE (E.E.B.D)



BIO-S-CAPE

The Bio-S-Cape is a compressed air emergency escape breathing device (E.E.B.D). It is designed for escape in toxic or oxygen-deficient environments, requiring easy and immediate donning.

The Bio-S-Cape complies with European Standard EN 1146: 2005 and the SOLAS Convention.



Chemical



Nuclear



Oil & Gas



Marine



Escape

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. Positive pressure in 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.

COMFORT

- Adjustable hood for all face shapes and accommodates facial hair and spectacles
- Wide-angle lens without optical distortion
- Adjustable carrying strap (optional hip belt)
- Larger hood, easy and comfortable to wear

SIMPLICITY

- Reducer triggered automatically when the bag is opened
- Back of the head cushion inflates automatically to keep hood in place
- Recharging port (EN), allowing the apparatus to be refilled after use

SAFETY

- High-visibility hood, resistant to extreme temperature, humidity and chemical environment
- Fully airtight, comfortable and tear-resistant neck seal thanks to an anti tear layer
- Gauge visible at all times: easy to check pressure during storage inspection and escape
- Powerful alarm whistle to indicate end of operation and non-metallic: positioned next to the ear and does not consume air (air re-injected into the hood)
- Durable PVC carrying bag with a cylinder securing system



SPECIFICATIONS

Dimensions with 3L 200 bar air cylinder (W x H x D)	500 x 180 x 180 mm
Total weight of the apparatus with 3L 200 bar steel air cylinder	Approximately 5.25 kg
Total weight of the apparatus with 3L 200 bar composite air cylinder	Approximately 3.45 kg
Carrying bag	durable PVC (orange), quick opening, fluorescent strips, safety seal, large window
Neck seal	Synthetic, non-allergenic soft rubber with a tear-resistant system
Lens	Wide field of vision - without optical distortion
Reducer	Triggered when opening the bag; including an integrated EN charging plug
Pressure in use	200 bar - flow of pre-regulated air
Duration	15 minutes
Approved temperatures	-15°C/+60°C
Apparatus type-approvals	EN 1146: 2005, SOLAS, MSC, MED and IMO

ORDER INFORMATION

Bio-S-Cape with 3L 200 bar steel air cylinder (empty) – 15 minutes	1815732
Bio-S-Cape with 3L 200 bar composite air cylinder (empty) – 15 minutes	1815746

REFERENCES

Other configurations available: please contact us for details

HONEYWELL SAFETY PRODUCTS

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