

PHOENIX

ULTRA LIGHTWEIGHT, LOW BURDEN CBRN PROTECTION SUIT

The Phoenix has been specifically developed to be conformant to the most recent changes within the NATO performance criteria for CBRN emergency PPE i.e. high threat, low hazard for short term operational deployment.

The Phoenix CBRN Protection Suit combines the most versatile operational CBRN protection technology along with functionality for the military and civil security services around the world.

The Phoenix provides CBRN protection in a high threat/low hazard environment where a wide range of challenges are present. Lightweight and highly breathable, the Phoenix is an effective emergency CBRN protective solution that allows both commanders and users to maximise their full operational capabilities and functions, even in the most challenging environments.

HIGHLIGHTS

- 20 year shelf life
- Up to 20 times laundering
- 35% lighter than current systems
- Greater breathability and lower thermal burden
- Compatible with a range of respirators
- Inherently fire retardant
- Provides both emergency CBRN and general purpose functionality
- Also available as an integral hood option

The Phoenix provides demonstrable improvement in comfort at high and low temperature and humidity. Impact on body temperature at high humidity is also lower when measured against conventional (CB classic) CBRN suits.



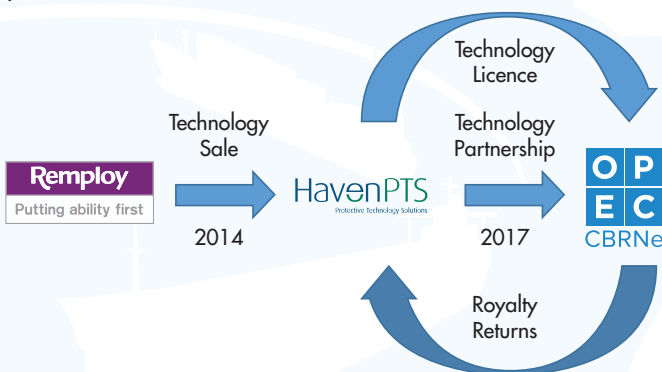
PROPERTY	RESULT
Material Composition	Outer Shell: 43/35/22 modacrylic/cotton/para-aramid. Liner: 100% activated carbon fibre laminated to a 100% polyester protective scrim
Mass in g/m ² - outer shell material - liner carbon material (with 70g/m ² carbon load)	145 g/m ² ± 10% 134 g/m ² ± 10%
Flame retardancy	Index 3
Materials chemical permeation: - CWA - other CBRN challenges	Disclosure upon specific request - conditional terms may apply

About OPEC CBRNe

Remploy → Haven → OPEC CBRNe

In 2014 Remploy's Frontline CBRNe garment business was sold to Haven Protective Technology Solutions (Haven PTS), a flourishing social enterprise based in Scotland employing 90% disabled personnel. Many of the highly skilled former Remploy team moved across to Haven PTS thereby preserving this rich and proud British legacy of CBRNe suit expertise and its strong connection with social enterprise dating back to the 1940s.

In 2017, to assist in the manufacture and distribution of the Frontline range, Haven PTS teamed under exclusive licence with OPEC CBRNe. This collaboration delivers world leading CBRNe capability via the latest garment fabrication technologies and exciting innovations in design and material protection.



Quality, Safety & Environment

OPEC CBRNe has been established under parent company OPEC Systems. OPEC's people are the single most important factor in driving the company forward and, as such, we ensure the highest level of health, safety and welfare for our staff.

OPEC's commitment to the environment and quality is reflected in its comprehensive procedures and quality management systems which have seen the Company achieve:



For more information please contact Chris Jackson,
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