

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

- Minimum of 10 years shelf life
- Up to 20 times launderable
- 35% lighter than current systems
- Greater breathability and lower thermal burden
- Compatible with a range of accessories
- Inherently fire retardant
- Provides both emergency CBRN and general purpose functionality
- Also available with an integral hood

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.



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PROPERTY	RESULT
Material Composition	Outer Shell: 43/53/22 modacrylic/cotton/para-aramid. Liner: 100% activated carbon fibre laminate 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

OPEC CBRNe is a designer and manufacturer of high comfort, high protection chemical, biological and antiviral suit systems.

We became suppliers of the former Remploy range of suits systems in 2019. Since then the OPEC CBRNe Technical and Design team based in Cheshire, UK, have innovated to develop systems which optimise comfort for the end user without compromising protection.

We have innovated and improved chemical and biological suit systems to provide the lightest,

most comfortable PPE for both CBRN and antiviral protection.

Our leading product, the Kestrel, was selected by Australian DoD as their system of choice in 2019. With expertise in supplying large volumes as well as smaller MOQ's, we have manufacturing capability across the world in locations including UK, Asia and USA.

For more information please contact Chris Jackson, General Manager, on +44 (0)1925 552 929

