FALCON

HIGH COMFORT & LEVEL C PROTECTION CBRN OVERSUIT

The FALCON is a Level C CBRN Protection one-piece coverall that provides 24-hour chemical warfare protection while maintaining air permeability for user comfort. It has been developed to achieve an ideal balance between protection and comfort.

At around 30 per cent lighter than conventional systems, the FALCON is a versatile CBRN protection system designed for use in multiple CBRN threat environments and ideal for retention of comfort in hot and humid locations. It provides qualified 24-hour CBRN vapour protection with the added benefit of a water/oil repellent and flame retardant finish.

Lightweight and breathable, the integrated hood on the FALCON has been configured to adapt to all major brands of CBRN respirators including a Powered Air Purifying Respirator (PAPR).

HIGHLIGHTS

- High comfort and low physiological burden
- Weighing less than 2kg per suit
- Air permeable
- Level C protection
- Flame retardant and water / oil repellent
- 24-hour protection in a threat situation
- Compatible with a range of accessories
- Minimum of 20 times launderable*
- Minimum 10 year shelf life**
- Standalone garment or over-garment
- Available in various colours and camo print
- MIST tested in accordance with NATO AEP-38 directives

The FALCON provides improvement in comfort at high and low temperature. Impact on body temperature is also lower when measured against conventional over-garments.

*Contaminated suits should never be laundered and should be appropriately destroyed.
**When stored as per the user guide, the garment will maintain its protective capability.

OPEC CBRNe

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PROPERTY	RESULT
Fabric Composition	Outer Shell: Rip-stop cotton/polyester Liner: 100% activated carbon fibre laminated to a 100% polyester protective scrim
Mass in g/m² - outer shell material - liner carbon material (with 70g/m² carbon load)	 175g/m² ± 10% 130g/m² ± 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, Level C protection chemical and biological suit systems.

OPEC became distributors of the long established Remploy range of CBRN suits in 2004. In 2015, OPEC CBRNe was established to take over the design and manufacture of the Remploy CBRN range of suits. Since then, our UK based team has been dedicated to maintaining the Remploy legacy by developing suit systems which optimize end user comfort without compromising protection.

We have innovated and improved chemical and biological suit systems to provide the lightest, most comfortable PPE for CBRN protection.

In 2019, our leading product, the KESTREL, was selected by the Australian DoD as their sole sourced CBRN ensemble as part of a 10 year supply contract. The Kestrel is our two piece Level C medium protective ensemble.

We have manufacturing capability across the world in locations including the UK, EU and Asia, with expertise in supplying large volumes as well as smaller MOQ's.

For more information on OPEC CBRN Products please contact us at info@opeccbrne.com