

# KESTREL

HIGH COMFORT &  
HIGH PROTECTION  
CBRN OVERSUIT

The Kestrel is a comfortable and highly protective two piece CBRN oversuit harnessing much of the technology used in the Phoenix Ultra Lightweight Protection suit. At around 30% lighter than conventional systems, it provides qualified CBRN vapour protection with the added benefit of water/oil repellence and fire retardant coatings, thus making the Kestrel an extremely versatile CBRN protection system for use in multiple CBRN threat environments.

Lightweight and breathable, the integrated cowl on the Kestrel has been configured to adapt to all major brands of CBRN respiratory protection including a Powered Air Purifying Respirator (PAPR).

## HIGHLIGHTS

- Conforms to NATO standards
- Greater comfort and low physiological burden
- Maximum protection
- Minimum 10 year shelf life
- High air permeability
- Up to 20 times launderable
- Compatible with a range of accessories
- Fire retardant and water/oil repellent
- Standalone garment or overgarment
- Rugged and durable
- Available in a various colours and camo patterns

The Kestrel 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 overgarments.



PROPERTY	RESULT
Material Composition	Outer Shell: Rip-stop polyester/cotton Liner: 100% activated carbon fibre laminate to a 100% polyester protective scrim
Mass in g/m <sup>2</sup> - outer shell material - liner carbon material (with 70g/m <sup>2</sup> carbon load)	175 g/m <sup>2</sup> ± 10% 134 g/m <sup>2</sup> ± 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

