

# AVOCET

## ANTIVIRAL CBRN ENSEMBLE

The AVOCET CBRN Ensemble is a reusable comfortable and highly protective outer-layer coverall with base-layer. It has been designed to provide lightweight, full body coverage for first responders in healthcare, police and security operational environments where airborne, particulate and depository pathogen challenge is likely.

It will protect against contaminated liquids, aerosol/particulates, blood and blood-borne pathogens and critically, against viruses like COVID-19.

With the additional benefit of the OSPREY Base-Layers provides protection against Chemical Warfare Agents.

### HIGHLIGHTS

- 24hour protection when worn as ensemble
- Reusable - reduces environmental impact
- Minimum 20 times launderable\*
- Minimum of 10 years shelf life\*\*
- Light and comfortable
- Excellent tear and bursting strength
- Impermeable to fluids
- Breathable and waterproof
- Impermeable to fluids
- Compatible with a range of accessories
- Can be used as a standalone garment or over-garment
- Available in a range of colours
- Complies with/exceeds NATO - AEP-38 Directives

The AVOCET is performance tested to ISO EN16604:2004 and the ASTM F1671 bacteriophage challenge benchmarks. Compliance with NFPA 1992-2018 liquid splash. Performance swatch tested against HD laid droplet

\*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.



PROPERTY	RESULT
Fabric Composition	Outer Shell: 100% PES laminated with an ePTFE membrane bonded to a 100% PES scrim liner (3-ply construction) Liner: 100% activated carbon fibre laminated 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)	155 g/m <sup>2</sup> ± 10% 130 g/m <sup>2</sup> ± 10%
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.

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 both CBRN and antiviral 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 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](mailto:info@opeccbrne.com)

