



MICROCHEM[®] APOLLO

MICROCHEM[®] APOLLO - Fully Encapsulated Chemical Suit to EN 340 CAT III

The Microchem[®] Apollo is designed for use in conjunction with self-contained breathing apparatus worn on the interior of the suit. It features a fully sealed hood with visor, attached lightweight chemical isolation gloves, attached boots with boot over flap and an optional rear-mounted breathing apparatus (BA) pouch with rear entry double zip.

Protection Level

- Microchem[®] Apollo is designed for use in applications requiring protection against sprays and splashes of hazardous liquid chemicals. It has been tested to CE Type 4 (saturation spray) and CE Type 3 (pressure spray).
- The fully encapsulating design featuring attached gloves, boots and visor allows it to be used as an alternative to heavy reusable encapsulating suits – particularly where comfort or speed of use is critical, such as rapid first response or chemical clean-ups.
- Microchem[®] Apollo is based on Microchem[®] 4000 fabric and has been tested to EN 369 permeation test against a wide range of chemicals.

Design

- Made with highly chemically resistant Microchem 4000 fabric (See full chemical breakthrough tests)
- BA pouch (Sized to fit most breathing apparatus cylinders) – *optional*
- Heavy duty Mylar visor both chemical resistant and low misting – *optional*
- Integral chemical gloves – *optional*
- Integral boots – *optional*
- Back zip entry – *optional*
- Welded seams using the latest ultrasonic technology
- Bat-wing design enables easy air-gauge checking from within the suit
- Chest strap designed for securing a clip-on DSU (Distress Signal Unit)
- Guide cord may be used if necessary (not supplied)
- Adjustable internal support braces which increase mobility and enable users of varying sizes to comfortably wear the suit.
- Available in sizes Large, X Large and XX Large

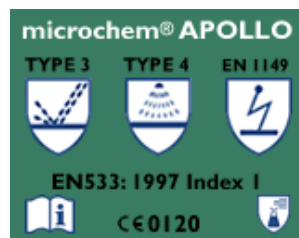
Bespoke Designs

Microgard recognise that not all applications are the same and that you may require specific design changes to ensure Microchem[®] Apollo performs to your requirements. Our qualified pattern technicians can make required alterations quickly and efficiently. Please contact us for more information.

Technical Information

In many applications Microchem[®] Apollo is a genuine low cost alternative to the much heavier, expensive traditional chemical suits. The fabric generally has a higher chemical barrier than PVC and other more expensive fabrics yet the price of Microchem[®] Apollo is low enough for it to be considered a disposable suit.

The barrier capability of any fabric may be reduced or destroyed on contamination by a chemical. For this reason all chemical suits, regardless of cost or fabric used should be considered single use. Reusable suits should be tested after each use – particularly if contaminated. The use therefore of a disposable suit can be safer and more cost effective than using traditional reusable suits.



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