

ChemMax 3 Level B encapsulated suit.



- Rear Entry encapsulating suit with 20mil PVC visor.
- Attached boots with boot overflaps.
- Certified to EN 14605 Types 3 (jet sprays) and Type 4 (liquid sprays) of liquid chemicals (not gas-tight).
- Certified to the infectious agent standard EN 14126; fabric achieves highest class in all four tests. (Type 3-b, 4-b, 5-b and 6-b).
- Rear mounted zip with storm flap.
- Air exhaust port with protective shroud to allow escape of exhaled air.
- Powered by Permasure®. Use to assess real world safe-wear times for over 4000 chemicals.

KEY APPLICATIONS

- ▶ High hazard chemical applications.
- ▶ Hazardous waste disposal.
- ▶ Industrial demolition applications.
- ▶ Petrochemical plant applications.
- ▶ Chemical spill handling.
- ▶ Military applications requiring chemical protection or protection against chemical warfare agents.

| Physical Property | Test Method | Test Result |
|--------------------------|-----------------------------|---------------|
| Abrasion Resistance | EN530:2010 method 2 | >2000 |
| Puncture Resistance | EN863:1995 | 18N |
| Flex Cracking Resistance | ISO7854:1997 method B | >15000 |
| Burst Strength | EN ISO 13938-2:1999 | 112.3kPa |
| Tensile Strength (MD/CD) | EN ISO 13934-1:1999 | 170N/110N |
| Tear Resistance (MD/CD) | EN ISO 9073-4:1997 | 134.44N/72.7N |
| Seam Strength | EN ISO 13935-2:1999 | 165.3N |
| Electrostatic properties | EN1149-1:2006/EN1149-5:2008 | Pass |

Permeation Test Data

Liquid chemicals from EN 6529 Annex A. For a full list of chemicals tested see Permeation Data Tables or Chemical Search at www.lakeland.com. Tested at saturation unless stated.

| Chemical | CAS No. | CE Class |
|-----------------------|-----------|----------|
| Acetone | 67-64-1 | 6 |
| Acetonitrile | 70-05-8 | 6 |
| Carbon Disulphide | 75-15-0 | 6 |
| Dichloromethane | 75-09-2 | 6 |
| Ethyl Acetate | 141-78-6 | 6 |
| n-Hexane | 110-54-3 | 6 |
| Methanol | 67-56-1 | 6 |
| Sodium Hydroxide(30%) | 1310-73-2 | 6 |
| Sulphuric Acid (96%) | 7664-93-9 | 6 |
| Tetrahydrofuran | 109-99-9 | 6 |
| Toluene | 95-47-6 | 6 |





CT3S400

- Level B Encapsulated suit.
- Attached sock boots with boot flaps.
- Rear entry, storm flap over zipper.
- 20mil PVC face shield.
- Flat back, which can connect the air tube.



CT3S450

- Level B Encapsulated suit.
- Attached sock boots with boot flaps.
- Rear entry, storm flap over zipper.
- 20mil PVC face shield.
- Expanded back for SCBA.



CT3S400G

- Level B Encapsulated suit.
- Attached gloves.
- Attached sock boots with boot flaps.
- Rear entry, storm flap over zipper.
- 20mil PVC face shield.
- Flat back, which can connect the air tube.



CT3S450G

- Level B Encapsulated suit.
- Attached gloves.
- Attached sock boots with boot flaps.
- Rear entry, storm flap over zipper.
- 20mil PVC face shield.
- Expanded back for SCBA.



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