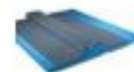


## Interceptor® Plus

Powered by PermaSURE®

TYPE 1a-B



ICP6400

Interceptor® Plus is Lakeland's gas-tight, Type 1a chemical protective coverall. It should be used with an internally worn SCBA for full protection against a wide range of hazardous chemicals in liquid, gaseous and vapour form.

**PermaSURE**

### FEATURES

- Multi-layer film technology creates a light and flexible high barrier against a wide range of high hazard chemicals.
- Weight 365gsm.
- Superior design featuring double-taped seams (inside & out).
- Standard or wide-vision visor options; two-layer visor with unique sealing technology for high chemical barrier.
- Double layer chemical glove system.
- Tested against a full range of chemical warfare agents for antiterror and civil defence operations.
- Very soft and flexible material for enhanced comfort.
- Front and rear entry design options.
- Inner chemical glove with outer 27mil butyl glove.
- Two rear mounted exhaust valves.
- Attached sock boot with boot overlaps.

### EN 6529 Chemical Permeation Test Results

| 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        |
| Diethylamine            | 209-89-7  | 6        |
| Ethyl Acetate           | 141-78-6  | 6        |
| n-Hexane                | 110-54-2  | 6        |
| Methanol                | 67-56-1   | 6        |
| Sodium Hydroxide (40%)  | 1310-73-2 | 6        |
| Sulphuric Acid (98%)    | 7664-95-9 | 6        |
| Tetrahydrofuran         | 109-99-9  | 6        |
| Toluene                 | 95-47-6   | 6        |
| <b>Chemical-gas</b>     |           |          |
| Ammonia 99%             | 7664-41-7 | 6        |
| Chlorine 99.5%          | 7782-50-5 | 6        |
| Hydrogen Chloride (99%) | 7647-01-0 | 6        |

EN 6529 measures the time until the rate of permeation of the chemical through the fabric reaches 1.0µg / (m<sup>2</sup>·cm), defined as the "Normalised Breakthrough". This is NOT an indication of safe-use time or that a wearer is safe wearing the suit in any specific application. "Safe-use" times can be calculated or see PermaSURE®.

See the web site for more chemicals tested.

### Physical Properties

| Property            | EN Standard | CE Class |
|---------------------|-------------|----------|
| Abrasion Resistance | EN 530      | 6        |
| Flex Cracking       | ISO 7854    | 2        |
| Trapezoidal Tear    | ISO 9073    | 6        |
| Tensile Strength    | EN 13934    | 4        |
| Puncture Resistance | EN 863      | 2        |
| Seam Strength       | EN 13935-2  | 6        |

### Interceptor® Plus Styles



Basic Style Options  
 INT640 - Front entry / standard width visor  
 INT650 - Rear entry / standard width visor  
 INT640W - Front entry / wide vision visor  
 INT650W - Rear entry / wide vision visor

Available in: Blue Yellow Orange

Fully encapsulated suit featuring double layer visor, gas-tight zip and attached boots and gloves:

- Expanded back, attached sock boots with boot flaps
- Seams sealed inside and out
- 122cm gas tight zipper with outer storm flaps
- Double layer attached gloves
- 2 exhaust valves
- Inside waist belt
- Storage bag included

### Chemical Warfare Agents

Interceptor® Plus has been tested independently against permeation by common chemical warfare agents according to the FINABEL test method. (1 x 50 µg / 37°C / 24H)

| Agent          | Acronym | No of tests | Fabric result hours:min | Seam result hours:min |
|----------------|---------|-------------|-------------------------|-----------------------|
| Sulfur mustard | HD      | 3           | >24:00                  | >24:00                |
| Lewisite       | L       | 3           | >24:00                  | >24:00                |
| V-Agent        | VX      | 3           | >24:00                  | >24:00                |
| Sarin          | GB      | 3           | >24:00                  | >24:00                |
| Tabun          | GA      | 3           | >24:00                  | >24:00                |
| Soman          | GD      | 3           | >24:00                  | >24:00                |

Note: that testing has been conducted against the Interceptor® Plus fabric and the seams. In the tests, the challenge was made against the seam with 50% of the fabric only and 50% on the seam. As can be seen no permeation was recorded in 24 hours across 3 tests on each agent.

| Product Style  | Color                | Seam Methods          | Sizes  | Case Pack |
|----------------|----------------------|-----------------------|--------|-----------|
| ICP640/ICP640W | Orange, Yellow, Blue | Heat Sealed Seam Plus | S-XXXL | 1         |