

# INTERCEPTOR® PLUS

Interceptor® Plus Applications

HazMat Response

Hazardous Vapor Environments

Ammonia

Heat Sealed Seam

Heat Sealed Plus Seam



First Line Defense Against Extreme Chemical Hazards. Now Supported by PermaSURE®

Interceptor® Plus is the apex of Lakeland® Industries' chemical protective clothing line. Available in both Level A encapsulating, as well as non-encapsulating configurations, there is an Interceptor® Plus style for your needs be it gas, vapor, aerosol, liquids, harmful contaminants or particulate protection.

This next generation of Interceptor® fabric is now compatible with the PermaSURE® Toxicity Risk Modeller, giving you access to the most comprehensive chemical database in the industry.



*PTFE visor process permanently seals the visor into the suit with no sewing involved so that liquids can't penetrate the visor edge*

*PTFE outer layer on visor prevents impairment of vision due to chemical contact*

*Attached gloves include non-reversing Silver Shield® inner glove with Butyl outer glove*

*Available in CE Type 1 certified Level A as well as non-encapsulating configurations*



## Interceptor® Plus Configurations



### INT640B INT640WB - Wide-View Face Shield

Blue CE Type 1:EN943:2005  
Vapor tight (Level A) Deluxe  
Encapsulating Suit

- Fully encapsulated
- Front-entry
- Storage bag included

Available in wide-view  
face shield configuration as  
PS80640W.

Sizes: S – 5X  
Case Pack: 1



### INT650B INT650WB - Wide-View Face Shield

Blue CE Type 1:EN943:2005  
Vapor tight (Level A) Deluxe  
Encapsulating Suit

- Fully encapsulated
- Rear-entry
- Storage bag included

Available in wide-view  
face shield configuration as  
PS80650W.

Sizes: S – 5X  
Case Pack: 1



### Interceptor Training Suit INT491B (Rear Entry) INT497B (Front Entry)

Encapsulated front or rear  
entry expanded back training  
suit.

- 20 Mil Vinyl lens
- 48" non separator cloth  
zipper that zips from bottom  
to top
- Zipper is reinforced at top  
and bottom with webbing  
on the outer side
- Double storm flap
- Exhaust port on back right  
side of hood
- 1 exhaust port on left back  
side of body
- Sock boots
- Boot flaps sewn on
- Vinyl gloves sewn on
- Internal belt loops and  
assembled belt
- No hem on splash guard or  
dump valve covers.

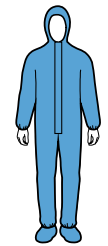
Training Use Only! Case Pack: 1



### INT620B

- Flat back front entry va-  
por-protective suit (Level A)
- Sealed seams on outside
- 48" zipper, double storm flap  
with hook and loop
- 2-layer faceshield(10 mil  
Teflon/40 mil Vinyl)
- Butyl gloves
- 2 exhaust valves
- Attached sock boots with  
boot flaps
- 1.5" waist belt with 3 belt  
loops sewn (inside) and  
sealed
- Storage bag included

Sizes: S – 5X  
Case Pack: 1



### Coverall INT165B

- Attached respirator-fit hood
- Double storm flap
- Hook and loop closure
- Elastic face and wrists
- Attached boots with boot  
flaps

Sizes: S – 5X  
Case Pack: 3



### Coverall INT166B

- Respirator Fit Hood
- Double Storm Flap with hook  
and loop closure
- Elastic Wrists / Ankles

Sizes: S – 5X  
Case Pack: 3

## Interceptor® Plus Physical Properties

| Physical Property   | Test Method | Units      | Test Results |
|---------------------|-------------|------------|--------------|
| Basis Weight        | ASTM D3776  | oz./sq. yd | 11           |
| Grab Tensile MD     | ASTM D5034  | lbs.       | 218.5 lbs.   |
| Grab Tensile XD     | ASTM D5034  | lbs.       | 170.4 lbs.   |
| Trapezoidal Tear MD | ASTM D5733  | lbs.       | 34.7 lbs.    |
| Trapezoidal Tear CD | ASTM D5733  | lbs.       | 38.7 lbs.    |
| Ball Burst          | ASTM D3787  | lbs.       | 250 lbs.     |

## Interceptor® Plus Permeation Testing - ASTM F1001

| Chemical Name              | Physi-<br>cal<br>Phase | Normalized<br>Breakthrough<br>Time (min.) | CAS No.   |
|----------------------------|------------------------|---|-----------|
| Acetone                    | L                      | >480                                      | 67-64-1   |
| Acetonitrile               | L                      | >480                                      | 75-05-8   |
| Ammonia (gas)              | G                      | >480                                      | 7664-41-7 |
| 1,3- Butadiene             | G                      | >480                                      | 106-99-0  |
| Carbon disulfide           | L                      | >480                                      | 75-15-0   |
| Chlorine gas               | G                      | >480                                      | 7782-50-5 |
| Dichloromethane            | L                      | >480                                      | 75-09-2   |
| Diethylamine               | L                      | >480                                      | 109-89-7  |
| N,N-Dimethylforma-<br>mide | L                      | >480                                      | 68-12-2   |
| Ethyl acetate              | L                      | >480                                      | 141-78-6  |
| Ethylene oxide             | G                      | >480                                      | 75-21-8   |
| n-Hexane                   | L                      | >480                                      | 110-54-3  |
| Hydrogen chloride          | G                      | >480                                      | 7647-01-0 |
| Methanol                   | L                      | >480                                      | 67-56-1   |
| Methyl chloride            | G                      | >480                                      | 74-87-3   |
| Nitrobenzene               | L                      | >480                                      | 98-95-3   |
| Sodium hydroxide, 50%      | L                      | >480                                      | 1310-73-2 |
| Sulfuric acid (conc.)      | L                      | >480                                      | 7664-93-9 |
| Tetrachloroethylene        | L                      | >480                                      | 127-18-4  |
| Tetrahydrofuran            | L                      | >480                                      | 109-99-9  |
| Toluene                    | L                      | >480                                      | 108-88-3  |

> = greater than, L = liquid, G = gas

**Note:** Chemical Resistance Data is in accordance with ASTM F-739 test method. Testing is performed on fabric samples only, not finished garments. Sources for all test data are independent laboratory conditions and not actual use conditions.



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