



Interceptor®

Extreme Chemical Protection



TYPE 1

CE Certified • NFPA 1991 Certified • Level A

Interceptor® is your first line of defense against extreme chemical hazards.

Interceptor® is the apex of Lakeland Industries' chemical protective clothing line. Manufactured to both NFPA 1991 and CE type 1 requirements and available in encapsulating and non-encapsulating configurations there is an Interceptor® suit for you needs be it gas, vapor, aerosol, liquid or particulate protection. Interceptor® offers dependable protection, superior performance and patented garment features that have been proven over a broad range of chemical challenges in a wide range of environments.

Interceptor Features

- Patented ShurSeal Teflon® visor process permanently seals the visor into the suit with no sewing involved so that liquids can't penetrate the visor edge
- Certified to the optional Flash Fire Protection for Escape Only requirements of NFPA 1991
- Available in NFPA 1991 and CE Type 1 certified ensembles as well as non-certified encapsulating configurations
- Teflon outer layer on visor prevents impairment of vision due to chemical contact
- Seams sealed inside and out for maximum protection
- All NFPA certified Interceptor® ensembles include Tingley HazProof® boots and a storage bag

Interceptor® Protective Layers

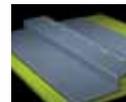


Interceptor uses a combination of 8 barrier film layers and a nonwoven diffusion layer sequenced to optimize protection from hazardous chemicals.



Passes the Limited Chemical flash Fire Protection for Escape and Liquefied Gas Protection option for NFPA 1991.

Interceptor® Seam Styles



Heat Sealed



ONEGlove® System

The ONEGlove® system consists of a Hazmat glove which has a Kevlar® outer glove, Nomex® inner glove, and a Fluoropolymer barrier film. Standard on NFPA versions – ONEGlove can be added to other styles.

Lakeland

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Interceptor® Colors

Blue

Dark Gray

Interceptor® Physical Properties

| Physical Property | Test Method | Units | Test Results |
|---------------------|-------------|-------------------|--------------|
| Basis Weight | ASTM D3776 | oz/y ² | 9 |
| Grab Tensile MD | ASTM D5034 | lbs. | 216 lbs. |
| Grab Tensile XD | ASTM D5034 | lbs. | 165 lbs. |
| Trapezoidal Tear MD | ASTM D5733 | lbs. | 43.7 lbs. |
| Trapezoidal Tear CD | ASTM D5733 | lbs. | 57.9 lbs. |
| Ball Burst | ASTM D3787 | lbs. | 173 lbs. |

Interceptor Styles

Style No. Description

- 80645 Blue Vapor tight (Level A) NFPA 1991, 2005 Certified Ensemble- Fully encapsulated, front-entry vapor-protective suit
- 80655 Blue Vapor tight (Level A) NFPA 1991, 2005 Certified Ensemble- Fully encapsulated, rear-entry vapor-protective suit
- 80645W Blue Vapor tight (Level A) NFPA 1991 Ensemble- Fully encapsulated, front-entry vapor-protective suit, wide view faceshield
- 80655W Blue Vapor tight (Level A) NFPA 1991 Ensemble- Fully encapsulated, rear-entry vapor-protective suit, wide view faceshield
- 80640 Blue CE Type 1:EN943:2005 Vapor tight (Level A) Deluxe Ensemble- Fully encapsulated, front-entry vapor-protective suit
- 80650 Blue CE Type 1:EN943:2005 Vapor tight (Level A) Deluxe Ensemble- Fully encapsulated, rear-entry vapor-protective suit



Vapor Tight NFPA Test Kit

Maintain your encapsulated suits with this easy to use test kit. Kit features an easy-to-read Magnehelic pressure gauge, digital timer, sturdy brass and steel fittings, hoses and connectors in a waterproof case. Complete instructions included.

Part No. 00010 – Level A Test Kit

Part No. 00011 – NFPA Test Kit

Part No. 00200 – Universal test kit for DuPont, Lakeland, and Kapler Level A and NFPA Certified suits. Features an integrated blower for suit inflation.

Permeation Data for ASTM Recommended List of Chemicals for Evaluating Protective Clothing Materials (ASTM F1001)

| Chemical Name | Physical Phase | Normalized Breakthrough 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-Dimethylformamide | 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.

Permeation Data for 595 Class/Subclass Chemical Warfare Agents

| Agent | Common Name | CAS Number | Avg. Breakthrough Time |
|-------|----------------|------------|------------------------|
| GA | Tabun | 77-80-6 | > 60 min. |
| GB | Sarin | 107-44-8 | > 60 min. |
| GD | Soman | 99-64-0 | > 60 min. |
| HD | Sulfur Mustard | 505-60-2 | > 60 min. |
| L | Lewisite | 541-25-3 | > 60 min. |
| VX | VX | 50782-69-9 | > 60 min. |

Testing stopped at 60 minutes in accordance with NFPA 1991, 2005 requirements
 > = greater than, < = less than, nt = not tested



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