MIGZ3 — MASS INCIDENT GARMENT

DISCREET PROTECTION. MAXIMUM UTILITY.

The MIGZ3 (Mass Incident Garment) is a two-piece, coat-and-pant combo that integrates with standard duty gear and enables first responders to operate discreetly while providing complete mobility and advanced chem-bio protection. The suit is designed specifically for law enforcement in perimeter control scenarios and counter-terrorism efforts at high-profile events.

The MIGZ3 is made with lightweight GORE® CHEMPAK® Selectively Permeable Fabric and is certified for "warm zone" operations where hazardous chemical and biological agents are anticipated or identified. The MIGZ3 protects against lower levels of vapor and liquid concentrations that may be encountered in the "warm zone" when deployed with the proper ensemble elements. Certified to NFPA 1994, Class 3.

- **Designed to integrate with existing duty gear**
- **Sleek outerwear design combined with breathable comfort**
- **Certified to NFPA 1994, Class 3 for warm zone operations**

FEATURES

- Vapor skirt (patent pending) and integrated belt for improved vapor protection
- Velcro marking tabs to position identification badges
- Durable GORE® CHEMPAK® Selectively Permeable Fabric provides protection below IDLH concentration levels against TICs and CWAs while performing tactical operations
- Sleek, parka-style outerwear design for discreet presence
- Attached GORE® CHEMPAK® Selectively Permeable Fabric hood with stowable Nomex® outer hood
- Front-entry design for ease of donning
- Removable gloves and booties
- Multi-wear usage

APPLICATIONS

- Perimeter security and crowd control
- Counter-terrorism security
- Escape from contaminated environments
- Predeployed assets for high-risk event protection
- Discreet protection for high-profile targets

MIGZ3 SPECIFICATIONS

Certification:	NFPA 1994, Class 3
Zone:	Warm
Systemic Physiological Protective Dosage Factor ($PPDF_{sys}$):	4087 $PPDF_{sys}$ (average)
Garment design:	2-piece coat and pant
Respiratory system:	Contact Lion at CBRN@lionapparel.com for options
Hand protection system:	GORE™ G9492 glove system with GORE® CHEMPAK® Ultra Barrier Fabric worn under Nomex® outer glove
Foot protection system:	Lion chem-bio sock with GORE® CHEMPAK® Selectively Permeable Fabric; leather lace-up tactical boot
Barrier technology:	GORE® CHEMPAK® Selectively Permeable Fabric
Storage life:	Up to 10 years
Multi-use:	Yes, if not damaged, exposed or contaminated
Training suit available:	Yes

BARRIER CHEMICAL PERMEATION PERFORMANCE

as per NFPA 1994, Class 3 Requirements

Challenge Chemical	Requirement *Based on 60 min. cumulative results	GORE® CHEMPAK® Selectively Permeable Fabric "MIRT" Typical Results
Acrolein	< 6.0 µg/cm²	< 1.0 µg/cm²
Acrylonitrile	< 6.0 µg/cm²	< 1.0 µg/cm²
Ammonia	< 6.0 µg/cm²	< 1.0 µg/cm²
Chlorine	< 6.0 µg/cm²	< 1.0 µg/cm²
Dimethyl Sulfate	< 6.0 µg/cm²	< 1.0 µg/cm²
Mustard (HD)	< 4.0 µg/cm²	< 0.5 µg/cm²
Soman (GD)	< 1.25 µg/cm²	< 0.5 µg/cm²

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BARRIER PHYSICAL PROPERTY PERFORMANCE

as per NFPA 1994, Class 3 Requirements

Material Performance	Requirement	GORE® CHEMPAK® Selectively Permeable Fabric "MIRT" Typical Results
Weight	n/a	260 g/m²
Ball Burst	135 N	905 N
Puncture Propogation Tear	25 N	53 N (machine direction) 43 N (transverse direction)
Total Heat Loss	> 200 W/m²	> 400 W/m²
Dimensional Stability	n/a	-1.5% (machine direction) -1.0% (transverse direction)

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WARNING: Never wear the garment without the correct respirator, footwear, gloves, hood or belt; never wear the Garment without all elements in place. The garment alone does not provide protection against all chemical and biological hazards. CBRN ensembles provide no protection against flame. CBRN ensembles provide limited protection against, abrasion, puncture, bodily fluids, other liquids and gases. No products, including garments, footwear or handwear, can offer absolute protection, even when new, and their protective performance will decline with wear, tear, abrasion, and other damage associated with use. W. L. Gore & Associates, Inc. and Lion Apparel, Inc. make no guarantee of how the product will perform in actual use.

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GORE Chempak® FABRIC

DuPont™ NOMEX®

LION APPAREL

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NTOA MEMBER TESTED and RECOMMENDED