

COMMANDO STRETCH GARMENT

DISCREET PROTECTION
ALWAYS READY

Be prepared for worst-case scenarios with the Commando Stretch Garment.

This undergarment's stretch fabric and unique five-piece design offers exceptional mobility and comfort in demanding situations. Compared to traditional carbon suit technology, the garment's Chemical/Biological Protective Clothing System (CPCS) provides improved heat loss to the environment and, therefore, reduced thermal burden on the wearer.

Its versatile design easily integrates with many types of outer garments for use in applications ranging from explosive ordnance disposal to dignitary protection.

The Commando Stretch Garment is certified to meet NFPA 1994, Class 3 current edition standards for "warm zone" operations.



CBRN™

Chempak
SELECTIVELY PERMEABLE FABRIC



COMMANDO STRETCH GARMENT SPECIFICATIONS

Certification:	NFPA 1994, Class 3 current edition
Zone:	Warm
Systemic Physiological Protective Dosage Factor (PPDF _{sys}):	240 PPDF _{sys} (average)
Garment design:	Five-piece design
Garment body protection design:	Stretch GORE® CHEMPAK® Selectively Permeable Fabric for top and bottom
Garment hand protection design:	GORE® G9492™ glove with GORE® CHEMPAK® Ultra Barrier Fabric with sleeve dam added to the barrier glove to allow for the sleeve to be inserted into the glove cuff
Garment foot protection design:	Sock with GORE® CHEMPAK® Selectively Permeable Fabric with a knit cuff to hold bootie in position
Garment head protection design:	GORE® CHEMPAK® Selectively Permeable Fabric and stretch fabric with back zip, neck dam to restrict ingress of contaminants
Respiratory system:	Contact LION at CBRN@lionprotects.com for options
Barrier technology:	GORE® CHEMPAK® Selectively Permeable Fabric
Shelf life:	Up to 5 years for top and bottom. Up to 10 years for gloves, hood and socks.
Multi-use:	Yes – up to 48 hours

- Easily integrates with a variety of equipment and outer garments
- Certified to NFPA 1994, Class 3 current edition for “warm zone” protection
- Low profile for discrete operations
- Versatile and breathable stretch garment
- Available in a large range of fits and sizes

FEATURES

- Garment designed with stretch GORE® CHEMPAK® Selectively Permeable Fabric
- GORE® G9492™ gloves with GORE® CHEMPAK® Ultra Barrier Fabric
- Sleek, lightweight, breathable design can be comfortably worn under many different types of outer garments
- NFPA 1994, Class 3 current edition protection against chem-bio and domestic terrorism agents
- 48-hour wear life if not damaged, exposed or contaminated

APPLICATIONS

- Dignitary protection
- Explosive ordnance disposal
- Perimeter security and crowd control
- Technical rescue in contaminated environment

BARRIER CHEMICAL PERMEATION PERFORMANCE

GORE® CHEMPAK® Selectively Permeable Fabrics used in Commando Stretch Garment

Challenge Chemical	Challenge Level	Endpoint µg/cm ²	1-hour cumulative results
Acrolein	40 ppm	6	Pass
Acrylonitrile	40 ppm	6	Pass
Ammonia	40 ppm	6	Pass
Chlorine	40 ppm	6	Pass
Dimethyl Sulfate	10 g/m ²	6	Pass
Mustard (HD)	10 g/m ²	4	Pass
Soman (GD)	10 g/m ²	1.25	Pass

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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 make no guarantee of how the product will perform in actual use.

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 **LION**
ready for action

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