



WHEN THE THREAT IS UNSEEN....
LIOR HAS YOU COVERED

THE MAGEN (LIOR AC SERIES)

THE MAGEN ACTIVE CHARCOAL SUIT IS THE CBRN PROTECTIVE SYSTEM DEVELOPED FOR AND USED BY THE IDF

Two-piece suit: Trousers designed for comfort with a fly zip, waist adjustment loop and zip fastenings in the leg bottoms to allow for wearing with heavy-duty boots. **Model LI-710**

FABRICS- TECHNICAL SPECIFICATION FOR ACTIVE COAL SUIT

Property	Test Method	Value
Composite Weight	ASTM-D-3776 after drying 1 hour in 105°C	Max 600gr/m ²
Composite Thickness	ASTM-D-177	Max .006 inches
Composite Water Vapor Resistance Ret m ² Pa/W	ISO 11092	8.7 max.
Water Repellency (Spray Ratings) of shell fabric	AATCC-22	rating min. 70
Flame Resistance of shell fabric: After flame (sec); Afterglow (sec); Tear length (mm)	ASTM-D-6413	0-sec max. 25-sec max. 90 mm max.
Tensile strength of liner fabric: Warp; Filling	ASTM-D-5035	min. 20 daN/5cm min. 20 daN/5cm
Chemical Testing: Chemical Agent Resistance Against HD	(Closed top method according to Appendix A of I.D.F. Specification no. 718300400-90/17, dated May 2010), Liquid Agent Contamination/Vapor penetration, 10 g/m ² Challenge	Detection limit 0.1µg/cm ² Six hours 4.0 µg/cm ²

Optional: Rubber Boots, Rubber Gloves, Disposable Masks

LIOR CBRN MERKAVA IC (LIOR AC SERIES)

INTERNAL COOLING

One-piece Coverall: Designed for comfort with detachable hood, fly zip, waist adjustment loops and zip fastenings in the leg bottoms to allow for wear with heavy-duty boots.

Suit is designed to be plugged into the tank's air conditioning system, providing the soldier the ability to operate with effectively with high level safety and comfort. T

he suit can be provided with fire-resistant textile tubing through which cooled air from which the tank or special vehicles air conditioning unit flows. **Model L720**

Optional: Rubber Boots, Rubber Gloves, Disposable Masks

THE LIOR CBRN PROTECTIVE SUITS

AC SERIES (ACTIVE CHARCOAL)

DISPOSABLE SERIES

LIOR, ISRAEL'S LONGEST STANDING DESIGNER AND MANUFACTURE OF TACTICAL AND PROTECTIVE VESTS

Today's soldiers, law enforcement officers and emergency service providers need to be prepared to operate and complete their mission under a multitude of potential threats. Providing security, doing rescue work, keeping public order or performing military missions can be even further complicated by the presence of dangerous substances. The threat of epidemic also requires physical protection from the unseen airborne contaminants and contagions. When duty requires interaction with individuals that are infectious, no solution is 100%, however Lior CBRN Suits provide an added layer of protection when its needed most.

LIOR-PROTECTIVE.COM



LIOR TEXTILES LTD

Dora Industrial Zone, Shlomi, Israel 22832

972 (0) 4 980 8815

For More Info, Contact:

David@lior-protective

972 50 672 4770

info@lior-protective.com

LIOR-PROTECTIVE.COM



TYCHEM F (LIOR DISPOSABLE SERIES)



SAVIOR (LIOR DISPOSABLE SERIES)



LIOR CBRN TANKER (LIOR AC SERIES)

CBRN PROTECTIVE SUITS, AC SERIES, (ACTIVE CHARCOAL)

Active Charcoal is the material used most often for CBRN protection. It absorbs contaminants to block them from reaching the wearer. Lior CBRN Active Charcoal suits are lightweight, quick and easy to put on, enable excellent mobility, and provide protection against a wide range of the most dangerous chemicals, liquids, gases and biological agents.

The laminated inner layer of active carbon is adsorbent, durable, air permeable and comfortable over extended periods of time in a battlefield environment. The suit can be laundered, and provides long term economical wear. The suit meets the demands of the IDF and NATO Mil-Specs.

DISPOSABLE PROTECTIVE SUIT.

The disposable Tychem is designed to allow the user to function under contamination control situations such as biological and chemical threats. It's made from heat, pressure bonded polyethylene filaments (non-woven), and provides maximum protection and mobility. The suit meets the highest demands of the IDF as well as the NATO standards for chemical warfare protection. **Model LI-760**

- Available as two piece, jackets and trouser set
- All seams are High Frequency heat seal welded to maximize protection
- Front zipper covered by Velcro sealed cover flap
- Hood, wrists and ankles protected by strong elastic closure
- Packed in an individual pouch
- Light Weight, 0.25 Kg

Optional: Rubber Boots, Rubber Gloves, Disposable Masks

CBRN TRANSPARENT AND DISPOSABLE PROTECTIVE SUIT.

Made of transparent Multi-Layer polyethylene sheets, this Lior disposable CBRN protective suit known for its life-saving efficiency. This lightweight suit is Impermeable to toxic gases and combines excellent barrier properties and mechanical strength according to IDF and international tests and standards. **Model LI 710**

- Two-piece protective suit: pullover top & trousers
- All seams are High Frequency heat seal welded for enhanced protection.
- Cut-out contoured hood fits all masks, quick fasteners for easy closing
- Packaged in space saving vacuum packs low-level heat stress.
- Estimated Shelf life in original packaging – 10 years
- Weight, only 0.5 Kg

Optional: Rubber Boots, Rubber Gloves, Disposable Masks

Active Carbon, one-piece Coverall: Designed for comfort with detachable hood, fly zip, waist adjustment loops and zips fastenings in the leg bottoms to allow for wear with heavy-duty boots. It is suitable for use by Army, police and first responder personnel. **Model LI-730**

FEATURES

- Attachable and Detachable hooded jacket,
- Suit Closures -Front zipper and Velcro closer.
- Tailored to prevent suit from riding
- All models are packaged in space-saving vacuum packs sealed low-level heat stress.
- Outer Shell fabric "Nomex®" Blend or Cotton , fire-resistant, treated to withstand all liquids, solid stone gray olive.
- Liner fabric – carbon impregnated foam laminated to nylon knit.
- **Testing with the chemical agent (HD) after 6 hours.**

Optional: Rubber Boots, Rubber Gloves, Disposable Masks