

OFFICIAL
GEN III
ECWCS®



**THE ONLY GENERATION III ECWCS
AUTHORIZED FOR U.S. ARMY ISSUE**



The Official GEN III ECWCS Authorized for U.S. Army Issue is Available Exclusively Through ADS.

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FOCUS ON THE MISSION NOT THE WEATHER.

GEN III ECWCS is the next generation U.S. Army Extended Climate Warfighter Clothing System.

Whether training at home or abroad or operating in theater, our nation's warfighters are exposed to a broad spectrum of extreme environmental conditions – from warm, dry, or wet weather at 60 degrees Fahrenheit or higher, to extreme cold weather in excess of minus 40 degrees. GEN III ECWCS is a radical re-design of previous generation ECWCS for the U.S. Army. *No longer just a Cold Weather Clothing System, the third generation ECWCS has been transformed into an Extended Climate Warfighter Clothing System that enhances soldier survivability across broad climate ranges.*

“For the first time in my military career I was actually begging for a cold front to come through. I knew my soldiers could handle it and the enemy couldn't. ECWCS allowed my men to outlast the enemy on their own terrain.”
- LTC Christopher Cavoli, 10th Mountain Division

GEN III ECWCS changes the way the American Soldier operates – In any environment.

The complete system features seven levels of protection to provide the broadest range of defense from unpredictable environmental conditions. Technically advanced proprietary materials and construction combined with cutting edge garment design to allow the soldier to train, operate and sustain combat operations in a broad climate range, extending their ability to take the fight to the enemy – anywhere!



Available Exclusively through ADS.
For more information or to order online visit:
WWW.GENIIIECWCS.COM

OFFICIAL
GEN III
SYSTEMS FOR COMBAT OPERATIONS
ECWCS



GEN III ECWCS features seven levels of protection. Each piece fits and functions either alone, or when used in the system, to provide the most options for the warfighter.

LEVEL I



Light-Weight Undershirt & Drawers

LEVEL II



Mid-Weight Shirt & Drawers

LEVEL III



High-Loft Fleece Jacket

LEVEL IV



Wind Jacket

LEVEL V



Soft Shell Cold Weather Jacket & Trousers

LEVEL VI



Extreme Wet/Cold Weather Jacket & Trousers

LEVEL VII



Extreme Cold Weather Parka & Trousers

GEN III ECWCS Outperforms Previous Generation Systems In Every Category.

A Complete System: Seven levels to address a broad climate range from -40°F to +60°F

Lighter: 25% lighter than previous generation ECWCS

Less Bulk: 30% less bulk than previous generation ECWCS

Expanded: Four additional levels compared to previous generation ECWCS

Flexible: All seven levels function as a dynamic system to meet personal climate tolerances

Improved Sizing: Innovative garment design with sizing logic for optimal fit when layering

Stealthy: Exceptionally quiet for added stealth with integrated Near Infrared Textile Technology (NIR)

Integrated: Seamless integration with load carriage & body armor

Innovative: Technically advanced proprietary materials, garment design and construction

GEN III - TOP KIT

Component	Qty.
Level I: Light-Weight Undershirts	2
Level II: Mid-Weight Shirt	1
Level III: High-Loft Fleece Jacket	1
Level IV: Wind Jacket	1
Level V: Soft Shell Cold Weather Jacket	1
Level VI: Extreme Wet/Cold Weather Jacket	1
Level VII: Extreme Cold Weather Parka	1

GEN III - BOTTOM KIT

Component	Qty.
Level I: Light-Weight Drawers	2
Level II: Mid-Weight Drawer	1
Level V: Soft Shell Cold Weather Trousers	1
Level VI: Extreme Wet/Cold Weather Trousers	1
Level VII: Extreme Cold Weather Trousers	1

The ADS team of GEN III Partners represent the pinnacle in performance materials:



For more information or to order online visit:
WWW.GENIIIECWCS.COM



LIGHT-WEIGHT UNDERSHIRT & DRAWERS

The GEN III Light-Weight Undershirt and Drawers are designed to wick moisture and to provide protection from the elements.

Constructed with Polartec® Power Dry® Silkweight material, this level is highly breathable, wicks moisture away from the skin and dries fast, providing evaporative cooling in warmer weather and insulating in cool weather – all with less weight and bulk than previous systems.

Features:

- Constructed with Polartec® Power Dry® Silkweight material
- Highly breathable, fast drying next-to-skin level
- Moisture wicking for evaporative cooling in warm weather
- Insulates and stays dry in cool weather
- Significantly lighter with less bulk than previous generation ECWCS
- Thumb holes aid in donning multiple levels
- Reduced chaffing and increased comfort during movement
- Contoured long tail undershirt for additional protection from the elements
- Drawers have an elastic waistband and access fly
- **Color: Desert Sand**



The Level I Undershirt features thumb holes to aid in donning multiple levels of clothing.

Level I

Light-Weight Undershirt & Drawers

Base Layer:

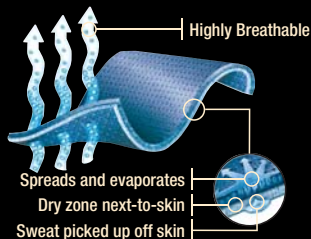
Worn next to skin by itself or in conjunction with other levels for added insulation and to aid in the transfer of moisture.



HOW DOES POLARTEC® POWER DRY® WORK?

Moisture and high relative humidity next to the skin causes discomfort. Polartec® Power Dry® keeps the skin dry through three complimentary mechanisms:

1. The fabric is highly breathable and does not restrict the movement of moisture vapor.
2. "Touch points" on the fabric's inner surface draw off the sweat. Sweat is wicked off the skin to the outside of the fabric where it spreads rapidly for evaporation. Polartec® Power Dry® fabrics move at least 30% more moisture away from the skin than single component fabrics.
3. When the sweat reaches the outside of the fabric, it spreads out to many times its original surface area, enabling it to dry at least 2 times faster than cotton.



For more information or to order online visit:
WWW.GENIIIECWCS.COM/LEVEL1



Level II features Polartec® Power Dry® grid material for extra warmth.

Level II

Mid-Weight Shirt & Drawers

Base Layer:

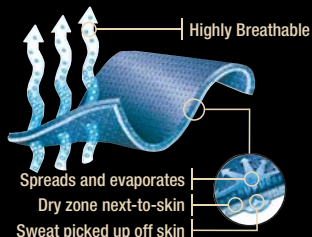
Worn next to skin by itself or in conjunction with other levels for added insulation and to aid in the transfer of moisture.



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3. When the sweat reaches the outside of the fabric, it spreads out to many times its original surface area, enabling it to dry at least 2 times faster than cotton.



MID-WEIGHT SHIRT & DRAWERS

The GEN III Mid-Weight Shirt and Drawers provide light insulation in mild climates and serve as a base layer in cold climates.

Constructed with Polartec® Power Dry® grid material, this level provides extra warmth in cooler conditions but still wicks moisture away and dries fast. The material offers stretch for increased comfort and is lighter weight with less bulk than previous systems.

Features:

- Constructed with Polartec® Power Dry® Grid material
- Provides extra warmth and stays dry in cool weather
- Highly breathable, fast drying next-to-skin level
- Moisture wicking for evaporative cooling in mild climates
- Significantly lighter with less bulk than previous generation ECWCS
- Thumb holes aid in donning multiple levels
- Reduced chaffing and increased comfort during movement
- Mid-chest zipper converts to a mock turtleneck with throat protection
- Contoured long tail for additional protection from the elements
- Drawers have an elastic waistband and access fly
- Color: Desert Sand

For more information or to order online visit:
WWW.GENIIIECWCS.COM/LEVEL2



HIGH-LOFT FLEECE JACKET

The GEN III High-Loft Fleece Jacket is the primary insulation layer for use in moderate to cold conditions.

Constructed with Polartec® Thermal Pro® material the insulation on the Level III Jacket creates air pockets that trap air and retain body heat providing outstanding warmth without weight. With excellent breathability, the Level III Jacket dries quickly with increased warmth while maintaining lower bulk and increased durability than previous systems.

Features:

- Constructed with Polartec® Thermal Pro® material
- Traps air and retains body heat
- Increased warmth with significantly less weight than previous generation ECWCS
- Lower bulk with increased durability
- High collar with full zipper-front and wind protection flap
- Two internal chest pockets and two outer side pockets
- Nylon reinforced collar and elbows
- Polartec® Power Dry® Grid side panels for increased stretch and comfort
- Velcro fasteners for rank and name plates
- **Color: Foliage Green**

Level III

High-Loft Fleece Jacket

Insulation Layer:

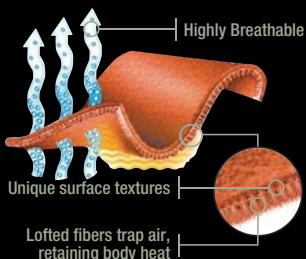
Worn underneath shell levels or worn as an outer garment in cool conditions.



HOW DOES POLARTEC® THERMAL PRO® WORK?

The 100% polyester proprietary fibers and high-pile-velour surface create a fabric that is at least 30 times more durable than bargain fleece.

These fabrics offer excellent breathability and dry quickly. The velour back traps air to retain body heat, providing outstanding warmth without weight. Unlike conventional fleece fabrics, Polartec® Thermal Pro® fabrics maintain their insulating ability and non-pilling appearance after repeated laundering and represent the state of the art in fleece fabrics.



For more information or to order online visit:
WWW.GENIIIECWCS.COM/LEVEL3



WIND JACKET

The GEN III Wind Jacket is designed to act as a low volume shell layer that optimizes the moisture wicking properties of other GEN III insulative and next-to-skin levels. It is also designed to be worn under body armor.

Constructed from stretchable nylon with a water resistant finish, this full zippered jacket provides wind and sand protection with low weight and bulk.

Features:

- Constructed with MILLIKEN® nylon spandex material with a water resistant finish
- Optimizes moisture wicking properties of other GEN III levels
- Designed for wear under body armor
- Increased wind and sand protection
- Extreme low weight and bulk
- High collar with full zipper-front and wind protection flap
- Angled chest pockets with mesh lining for ventilation
- Velcro closure sleeve pockets
- Elasticized cuffs
- Velcro fasteners for rank and name plates
- Color: Universal Camo

Level IV

Wind Jacket

Shell Layer:

Designed to be worn with base and insulative levels in transitional environments to provide wind and sand protection.

COMPATIBLE WITH BODY ARMOR:

GEN III ECWCS is the first and only cold weather clothing system designed to integrate with body armor. This design compatibility ensures that the soldier is optimally protected from both environmental and ballistic threats.



For more information or to order online visit:
WWW.GENIIIECWCS.COM/LEVEL4



SOFT SHELL

COLD WEATHER JACKET & TROUSERS

The GEN III Soft Shell Cold Weather Jacket and Trousers are designed for use in moderate to cold weather conditions as a soft shell combined with other base and insulative layers.

Constructed with stretchable and breathable water resistant materials, the jacket and trousers provide light-weight, low bulk and extreme comfort for movement.

Features:

- Constructed with stretchable, breathable water resistant materials
- Light-Weight, low bulk and extreme comfort
- Thongs on zippers for ease of use when wearing gloves
- **Color: Universal Camo**

Jacket Features:

- Two-way center-front zipper with protective wind flap
- High collar with stowable collapsible hood
- Velcro closure sleeve and front pockets
- Ventilation openings under the sleeves
- Velcro fasteners for rank and name plates

Trouser Features:

- Zippered fly opening
- Velcro closure front and side cargo pockets
- Calf-high side-zippers with elastic cuff
- Elastic waist with provisions for suspenders



Level V

Soft Shell Cold Weather Jacket & Trousers

Shell Layer:

Designed to be worn with base and insulative levels for use in moderate to cold conditions.

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NEAR INFRARED (NIR) CAPABILITIES:

GEN III ECWCS provides increased stealth capabilities for the soldier by integrating Near Infrared Textile Technology (NIR) capabilities into the textiles. This technology reduces the ability of the enemy to detect the soldier with night-vision devices.

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For more information or to order online visit:

WWW.GENIIIECWCS.COM/LEVEL5

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Level VI

Extreme Wet/Cold Weather Jacket & Trousers

Shell Layer:

A waterproof barrier designed to be worn over other levels in moderate to cold wet conditions alternating between freezing and thawing.

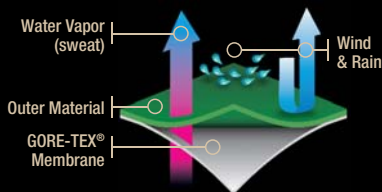
HOW DOES GORE-TEX® WORK?



Waterproof: Liquid water doesn't penetrate the durably waterproof GORE-TEX® membrane, keeping the wearer dry and comfortable, allowing for extended operational effectiveness.

Windproof: The windproof GORE-TEX® membrane blocks the wind, keeping the wearer warmer and more protected from the sand, rain, snow, and ice. Reducing heat loss from wind chill can increase the ability to operate for longer periods of time in harsh conditions.

Dry & Comfortable: The breathability of the GORE-TEX® membrane allows moisture vapor from perspiration to escape, keeping the wearer drier and more comfortable.



EXTREME WET/COLD WEATHER JACKET & TROUSERS

The GEN III Extreme Wet/Cold Weather Jacket and Trousers are designed for use in moderate to cold wet conditions as a hard shell layer combined with other base and insulative layers.

Constructed with two-layer GORE-TEX® and seam-sealed throughout, the jacket and trousers provide an outstanding light-weight, completely waterproof, windproof and breathable level of protection against the elements with 50% less bulk than previous systems. Level VI also incorporates near infrared (NIR) signature reduction technology further enhancing soldier survivability.

Features:

- Constructed with two-layer GORE-TEX® fabric based on GORE-TEX® Paclite® technology
- Completely waterproof, windproof and breathable
- Light-weight: 50% less bulk than previous generation ECWCS
- Near Infrared Textile Technology (NIR)
- **Color: Universal Camo**

Jacket Features:

- Center front zipper with protective flap
- Pass through pockets
- Hide away collar with stowable visored hood
- Elastic cuffed sleeves with Velcro adjusters

Trouser Features:

- Pass through pockets
- ¾ leg side zippers
- Elastic waist cord with adjustable barrel locks
- Belt loops and provisions for suspenders

For more information or to order online visit:
WWW.GENIIIECWCS.COM/LEVEL6



EXTREME COLD WEATHER

PARKA & TROUSERS

The GEN III Extreme Cold Weather Parka and Trousers are designed for use during static operations in extreme cold, dry conditions.

Constructed with an outer shell fabric that has a water resistant finish and with PrimaLoft® Sport thermal bonded high-loft insulation, Level VII is highly durable and breathable. The parka and trousers maintain warmth even when wet and provide protection in extreme cold conditions during static operations.

Features:

- Constructed with water resistant outer shell and PrimaLoft® Sport thermal bonded high-loft insulation
- Highly durable and breathable
- Maintains warmth even when wet
- Thongs on zippers for ease of use when wearing gloves
- **Color: Urban Gray**

Parka Features:

- Two-way center-front zipper with protective wind flap
- Nylon reinforced elbows
- Two front zipper pockets
- Ripstop nylon inner lining
- Bottom hem with elastic cord for adjustability
- High collar with collapsible, stowable insulated hood
- Velcro fasteners for rank and name plates

Trouser Features:

- Zippered fly opening
- Nylon reinforced knees
- Full-length side zipper openings
- Elastic waist with provisions for suspenders

Level VII

Extreme Cold Weather Parka & Trousers

Soft Shell Insulative Layer:

The outermost level of protection in the system designed for use during static operations in extreme cold and dry conditions.



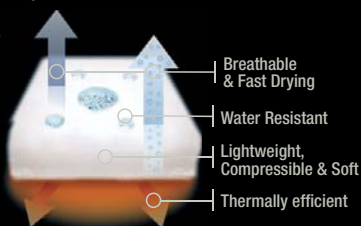
HOW DOES PRIMALOFT® WORK?

Breathable & Fast Drying: PrimaLoft's fast drying properties and breathability make it the insulation of choice for any extreme condition.

Water Resistant: PrimaLoft Sport has been proven less water absorbing and warmer when wet or dry than competitive insulation.

Lightweight & Compressible: The incredibly thin multi-diameter fibers give PrimaLoft Sport the soft, down-like feel that helps retain body warmth while being lightweight and compressible.

Thermally Efficient: PrimaLoft's patented multi-diameter fibers won't absorb water so you'll stay warm even when wet.



For more information or to order online visit:
WWW.GENIIIECWCS.COM/LEVEL7



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OPERATIONAL EQUIPMENT & LOGISTICS SOLUTIONS

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