Our customer service representatives can help direct your questions about our products, sales inquiries and technical support.

Please call us at 1-877-750-0504, or email us at contactus@z-medica.com.
The Department of Defense Gold Standard

QuikClot Combat Gauze has a documented record of success proven by extensive data recognized by the U.S. Department of Defense. With more U.S. Military battlefield applications than any other hemostatic dressing, QuikClot Combat Gauze has helped medical operators keep more U.S. Warfighters alive.

**PROVEN RESULTS**

Since its adoption by the U.S. Military, more than 5 million units have been delivered to help save lives. There have been no product-related adverse reactions.

**COST EFFECTIVE**

QuikClot Combat Gauze is less expensive than protein-based products. Its rapid effectiveness may also reduce the need for more expensive treatments.

**WORKS FAST**

It promotes clotting within minutes.

**SAFE**

There are no exothermic reactions, no human or animal proteins, no monomers, thrombin, or shellfish products.

**EASY TO USE**

The intuitive gauze-dressing format conforms readily to the wound site and will not break down or fall apart under pressure.

**IT’S A FACT:** QuikClot Combat Gauze is the hemostatic dressing of choice by CoTCCC.

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**Lifesaver in Domestic Disasters**

FBI Director James Comey states that ISIS is active in all 50 states. Preparing an active medical response to acts of violence is crucial. Some states have led the way in preparedness whereas other states must continue to develop a comprehensive medical response plan. The Department of Homeland Security (Office of Health Affairs) recommends greater accessibility to Public Access Hemorrhage Control (PAHC) Kits. QuikClot Combat Gauze is a critical solution to hemorrhage control when responding to natural disasters and Mass Casualty Incidents (MCI).

**How It Works**

QuikClot Combat Gauze is a non-woven gauze with an important difference. Using a proprietary process, QuikClot Combat Gauze is impregnated with kaolin, which is a naturally occurring inorganic mineral that accelerates the body’s natural clotting process. When applied with pressure, QuikClot Combat Gauze accelerates the clotting cascade and controls bleeding in minutes.

**References:**

BATTLE-PROVEN HEMORRHAGE CONTROL

The Department of Defense Gold Standard

QuikClot Combat Gauze® is the first-choice hemostatic dressing for all five branches of the U.S. Military. The effectiveness of QuikClot Combat Gauze is proven in both laboratory research and in battle-zone conditions. It applies easily and accelerates the clotting cascade to quickly form a clot and prevent rebleed – saving lives.¹⁻⁴

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WORKS FAST

It promotes clotting within minutes.

SAFE

There are no exothermic reactions, no human or animal proteins, no minerals, thrombin, fibrinogen or shellfish products.

EASY TO USE

The intuitive gauze-dressing format conforms readily to the wound site and will not break down or fall apart under pressure.

PROVEN PERFORMANCE

Proven in the Laboratory and the Field

Researchers, Military Medics and First Responders have tested the efficacy of Combat Gauze. Here are some of the many documented results.

Study:
Hemostasis in a noncompressible hemorrhage model: an end-user evaluation of hemostatic agents in a proximal arterial injury

• CerFlo, ChitoGauze, QuikClot Combat Gauze and HemCon bandages were applied to arterial injuries by participants, including military personnel and physicians.
• QuikClot Combat Gauze “was the most effective at controlling hemorrhage” and was “rated as the easiest dressing to use by the soldiers.”

Study:
Boston bombings: A surgical view of lessons learned from combat casualty care and its applicability to Boston’s terrorist attack
Caterson EJ, Carty MJ, Weaver MJ, Holt EF.

• “Application of this kaolin-impregnated gauze helps to activate the clotting cascade and has been shown to be effective to staunch bleeding on the battlefield.”
• “Tourniquets and combat gauze work quite effectively for extremity trauma.”

Study:
The effects of QuikClot Combat Gauze and movement on hemorrhage control in porcine model
Mil Med. 2012;177(12):1543-1547.

• QuikClot Combat Gauze (QC CG) and standard packing (control) were assessed in a static and moving hemorrhage model to simulate military and civilian trauma.
• QC CG was found to be “statistically and clinically superior at controlling hemorrhage” over control, and QuikClot Combat Gauze “produces a more robust clot that can withstand significant movement.”
• QC CG “is an effective hemostatic agent for use in civilian and military trauma management.”

Proven Science with Documented Results

Studies published in leading journals demonstrate how QuikClot can dramatically improve casualty survival rates when compared to other treatment alternatives.

Whether compared to standard gauze or other available hemostatic devices, QuikClot has superior results that indicate it can reduce blood loss and promote stronger clots.

Faster & Stronger Clots throughout the Continuum of Care

The efficacy of hemostatic dressings should take into account initial hemorrhage control and long-term hemostasis.

Thromboelastography (TEG) analysis of blood treated with Combat Gauze elicited a strong response, shifting the clotting curves to the left, which indicates faster and stronger clot formation than untreated blood. The same analysis of the blood samples treated with the chitosan dressing that showed no change or slower clotting function than the untreated blood.

If you’re moving casualties, manipulating injuries or replacing fluids, QuikClot Combat Gauze clots hold up better. Several independent studies prove QuikClot Combat Gauze is highly efficacious during point-of-injury care, care under fire or tactical field care, and form stronger clots that better withstand casualty extrication and rescue, evacuation/evac, and fluid resuscitation.

As the analysis below shows, kaolin-impregnated QuikClot Combat Gauze performs better. That proven performance is the reason why QuikClot Combat Gauze is the first-choice hemostatic agent of the CoTCCC.

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See inside back cover for references.

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Whether compared to standard gauze or other available hemostatic devices, QuikClot has superior results that indicate it can reduce blood loss and promote stronger clots.

THE EFFICACY OF COMBAT GAUZE IN EXTREME PHYSIOLOGIC CONDITIONS

Since 2008, QuikClot hemostatic devices have been made with kaolin. Kaolin works on contact with blood to immediately initiate the clotting process by activating factor XII. 5 This reaction leads to the transformation of factor XII to its activated form XIIa, which inactivates the rest of the coagulation cascade. 6

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QuikClot Combat Gauze
QuikClot Combat Gauze is a 3-inch x 4-yard dressing with an x-ray detectable strip for easy identification.
Package: 6 in x 4.5 in
Gauze: 3 in x 4 yds
Weight: 0.80 oz
Item #200
NSN: 6510-01-562-3325

QuikClot Combat Gauze TraumaPad
QuikClot Combat Gauze TraumaPad is a 12-inch x 12-inch soft pad with an x-ray detectable strip for easy identification.
Package: 6.5 in x 5.9 in
Gauze: 12 in x 12 in
Weight: 0.99 oz
Item #210
NSN: 6510-01-583-4870

QuikClot Combat Gauze XL
QuikClot Combat Gauze XL is a 2-ply, 4-inch x 4-yard dressing with an x-ray detectable strip for easy identification.
Package: 6.7 in x 5 in
Gauze: 4 in x 4 yds – double ply
Weight: 1.80 oz
Item #345
NSN: 6510-01-600-4705

QuikClot Combat Gauze Moulage Trainer
QuikClot Combat Gauze Moulage Trainer replicates Combat Gauze for simulated casualties using artificial blood. Not for medical use; for simulated training only.
Package: 6 in x 4.5 in
Gauze: 3 in x 4 yds
Weight: 0.80 oz
Item #350

QuikClot Combat Gauze LE
QuikClot Combat Gauze LE is a 3-inch x 4-yard z-folded dressing with an x-ray detectable strip for easy identification.
Package: 6 in x 4.5 in
Gauze: 3 in x 4 yds
Weight: 0.80 oz
Item #380

QuikClot EMS Rolled Gauze
QuikClot EMS Rolled Gauze is 3 inches x 4 feet and packaged in an easy-tear pouch.
Package: 5.5 in x 4.1 in
Gauze: 3 in x 4 ft
Weight: 0.34 oz
Item #475

QuikClot EMS 4x4 Dressing
QuikClot EMS is a 4-ply, 4-inch x 4-inch dressing packaged in an easy-tear pouch and packed 3 per clear poly bag.
Package: 5.3 in x 5 in
Gauze: 4 in x 4 in
Weight: 0.22 oz
Item #473

QuikClot products are designed and packaged to make life-saving hemorrhage control as practical and usable as possible. From battle-tested z-folds to x-ray detectable strips, QuikClot products make controlling bleeding easier. QuikClot Combat Gauze products have a five-year shelf life and are packaged in ruggedized, easy-tear, vacuum-sealed pouches, making them both durable and easy to use.
QuikClot Combat Gauze®
QuikClot Combat Gauze is a 3-inch x 4-yard dressing with an x-ray detectable strip for easy identification.
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Gauze: 3 in x 4 yds
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Package: 6.7 in x 5 in
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Weight: 1.80 oz
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NSN: 6510-01-583-4870

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Gauze: 12 in x 12 in
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QuikClot Combat Gauze® LE
QuikClot Combat Gauze LE is a 3-inch x 4-yard z-folded dressing with an x-ray detectable strip for easy identification.
Package: 6 in x 4.5 in
Gauze: 3 in x 4 yds
Weight: 0.80 oz
Item #350

QuikClot Combat Gauze® LE Moulage Trainer
QuikClot Combat Gauze LE Moulage Trainer replicates Combat Gauze for simulated casualties using artificial blood. Not for medical use; for simulated training only.
Package: 6 in x 4.5 in
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Law Enforcement Products

EMS Products

SIZED & PACKAGED FOR A MORE EFFECTIVE APPLICATION
QuikClot® Belt Trauma Kit™ (BTK)

The QuikClot® BTK and BTK+ are compact, lightweight, wearable holders that cost-effectively add another layer of safety for Law Enforcement officers. Sold individually or as part of an overall bleeding-control program, each BTK can control bleeding from one injury. The kits are designed for everyday use, with practical features including:

- sized to fit up to a 2” belt
- lightweight black nylon
- two internal pockets
- can wear horizontally or vertically
- velcro closure

Item #261, #563 (BTK)
Item #588, #557 (BTK+)

Training Improves Response and Results

The Z-Medica® hemorrhage-training program provides hands-on experience with targeted feedback to help achieve maximum life-saving performance. It is recommended that QuikClot Combat Gauze users complete at least one training program before putting QuikClot Combat Gauze into their life-saving arsenal.

Train Online, Any Time, at No Cost

This proven online training program introduces users to the correct use of QuikClot Combat Gauze products. The no-cost information guides and questionnaires show users the proper bleeding-control techniques and procedures. Trainees receive a printable training certificate after successfully completing the coursework. You can access online training by visiting z-medica.com/training.

Innovative, Onsite Training Tools

Z-Medica’s team is ready to perform onsite training when appropriate. The team also offers a range of onsite training kits (Task Trainers) to help better prepare users to control bleeding. A complete list of kits and ordering information are on the following page.

Hands-On Know How

Hands-on tools, like the Z-Medica Hemorrhage Control Trainer (HCT) are ideal accompaniments to the Web-based training. The HCT presents multiple simulated wound patterns on a training “leg.” It includes moulage trainers and QuikClot Combat Gauze to give users a realistic training experience. The Z-Medica Hemorrhage Control Trainer with biofeedback actually tells trainees if they are applying QuikClot Combat Gauze with the correct pressure and consistency.
**QuikClot® Bleeding Control Bag™ (BCB)**

The QuikClot® Bleeding Control Bag™ (BCB) is a valuable tool to have on hand for responding to a range of bleeding situations. It can function in a stand-alone capacity or as part of an overall bleeding-control program. BCB contents can treat up to 12 injuries. It is designed for ease of use and flexibility, with features including:

- High-visibility orange coloring
- Two main compartments
- Front and side pockets
- Internal pockets
- Full-profile zipper so pack lies flat
- Shoulder straps and carry handle
- Weighs less than ten pounds

Item #502, #547*, #548*

**QuikClot® Belt Trauma Kit™ (BTK)**

The QuikClot® BTK and BTK+ are compact, lightweight, wearable holders that cost-effectively add another layer of safety for Law Enforcement officers. Sold individually or as part of an overall bleeding-control program, each BTK can control bleeding from one injury. The kits are designed for everyday use, with practical features including:

- Sized to fit up to a 2" belt
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Experience Improves Performance

2-Medica® training kits simulate real-world bleeding challenges, so users get hands-on experience. The kits complement Z-Medica’s online training assets. Together, these powerful tools maximize users’ ability to stop bleeding.

Z-Medica® Hemorrhage-Control Training Kit with QuikClot Combat Gauze

The Hemorrhage-Control Training Kit is the ideal hands-on training tool to accompany our online training and programs. It presents multiple wound patterns on which to practice. The kit comes with five QuikClot Combat Gauze Moulage Trainers, five QuikClot Combat Gauze packets and two QuikClot Combat Gauze XL packets for demonstrations and training.

Item #362

Z-Medica Hemorrhage-Control Training Kit with BioFeedback

This advanced hands-on training tool is an ideal follow-up to our online training. It includes an app that displays the force trainees apply to wounds on a smartphone or tablet. The kit includes a training leg, table stand, tablet, case and Moulage Trainers.

Item #629 NSN: 6910016427321

Z-Medica Hemorrhage-Control Training Kit with QuikClot Combat Gauze LE

The Hemorrhage-Control Training Kit with QuikClot Combat Gauze LE is the ideal hands-on training tool to accompany our online training and programs. It presents multiple wound patterns on which to practice. The kit comes with ten QuikClot Combat Gauze LE Moulage Trainers and five QuikClot Combat Gauze LE packets for demonstration and training.

Item #384

References:

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Item #384
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