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HemCon® Bandages Control Bleeding and Save Lives

Part Number	Description	NSN
101	One HemCon® Bandage, 4" x 4"	6510-01-502-6938
201	Case of 100 (20 boxes of 5), 4" x 4"	6510-01-503-8730
202	Box of 5, 4" x 4"	6510-01-503-8726
302	HemCon Training Sample Bandage, 4" x 4"	6910-01-536-2763
104	HemCon® Bandage, 2" x 2"	pending
105	HemCon® Bandage, 2" x 4"	pending
110	ChitoFlex™, 3" x 28"	6510-01-541-2896
109	ChitoFlex™, 3" x 9"	pending
203	HemCon® Dental Dressing, Package of 4 Dressings	pending
205	HemCon® Dental Dressing, 12 Packages of 4 Dressings	pending

Additional training material is also available. We encourage you to view our training videos available for download on our website or you may contact us directly to receive a DVD.

Your input is important to us. HemCon Medical Technologies, Inc. is committed to continuously improving our products by incorporating user feedback. Please contact us with your experience and thoughts about the bandage.



HemCon Medical Technologies, Inc. Background

- HemCon Medical Technologies, Inc. was formed in 2001 on a simple premise: Save Lives.
- Manufacturer of cost-effective hemorrhage control dressings, with full R&D and manufacturing capabilities.
- Death from traumatic injuries and hemorrhage is a leading cause of death in the United States. Despite advances in armor and medical technology, uncontrolled hemorrhage is still the leading cause of death for soldiers on the battlefield. HemCon® Bandages, which control severe arterial bleeding, were designed to address these preventable deaths.
- HemCon's technology was first put to use by the U.S. Army. Since then, HemCon® Bandages have helped save over 100 lives.
- In 2005, the U.S. Army Surgeon General mandated each soldier in Iraq and Afghanistan carry at least one HemCon® Bandage, each combat lifesaver three, and each medic five.
- HemCon now has two new dressings for the emergency medical professional, and a wound care dressing for the dental market. Research and clinical studies are also ongoing into surgical hemostasis, as well as dressings for wound and burn care.



HemCon Products and Technology

- When HemCon products come in contact with blood, they become extremely sticky and adhere to the wound, sealing it.
- Made from chitosan, a naturally occurring, biocompatible, polysaccharide that is derived from shrimp shells.
- HemCon wound dressings are available in multiple sizes and configurations for treating a wide variety of wounds.
- ChitoFlex™ is HemCon's latest application of its chitosan technology. This flexible and stuffable wound dressing is designed to address penetrating and shrapnel wounds that cannot be treated by other means.
- The bandages are capable of controlling even high-pressure, high-flow arterial bleeds. Chitosan has a positive charge and attracts negatively-charged red blood cells. The red blood cells create a seal over the wound as they are drawn into the bandage, forming a very tight, adherent clot.
- HemCon® Bandages are also available in 2" x 2" and 2" x 4" configurations. Specifically designed for the civilian medical professional, these bandages are thinner and more flexible than the HemCon military bandage, while still able to control severe arterial bleeds.
- The HemCon® Dental Dressing uses the same materials and technology as the HemCon® Bandages. Designed to be an oral wound dressing, the 10mm x 12mm dressing fits into the extraction site following oral surgery.
- Bandages are easily removed by soaking the bandage with saline or water.
- No adverse effects attributed to the use of the HemCon® Bandage have been reported in field use. Nor have adverse reactions been observed in extensive animal testing.
- Has survived the heat and punishment of Iraq and Afghanistan. Packed in a sealed, foil vapor-barrier pouch with a two-year shelf life.

Safety / Efficacy

- No adverse events noted in over three years of use.
- Non-exothermic (non-heat producing).
- Contains no human or animal clotting factors.
- HemCon® Bandages are an antibacterial barrier and may help prevent infection.
- Used successfully to treat patients taking anticoagulant medications without altering underlying drug regimens.

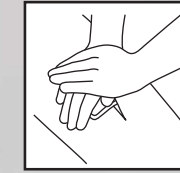
How to Use HemCon Dressings

HemCon® Bandages

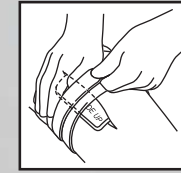
HemCon® Bandages are simple to use, but key points need to be followed for the bandages to be most effective.



Apply Directly On Source Of Bleeding



Apply Pressure For At Least Two Minutes



Wound Care

I. Open The Bandage

Grasp the opposing edges of the foil pouch and pull apart. As the package opens, pinch the bandage against the back of the foil pouch with your thumb so the bandage doesn't drop on the ground.

II. Ensure That The Non-Stick Side Is Up

HemCon® Bandages have two sides: a cream-colored active side, which goes on the wound, and a darker non-stick side which is labeled "THIS SIDE UP". The bandages will not work upside down.

III. Apply Directly On Source Of Bleeding

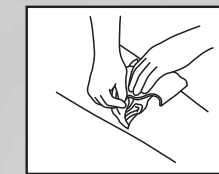
It is critical to place the bandage on the source of the bleeding, the area where the blood vessel damage has actually occurred. For smaller wounds, the bandage can be cut to smaller pieces. For larger wounds, multiple bandages can be used.

IV. Apply Pressure For At Least Two Minutes

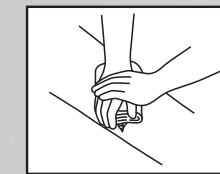
Apply firm, even pressure to the side labeled "THIS SIDE UP". Backing the bandage with a Kerlix roll or gauze helps ensure uniform pressure and increases performance. Maintain pressure on the bandage for at least two minutes or until bleeding is controlled.



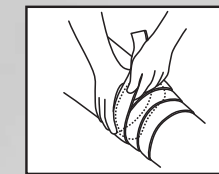
Push Into Wound Quickly



Fill Wound With Dressing



Apply Pressure With Gauze



Secure Dressing

ChitoFlex™

I. Open The Dressing

ChitoFlex™ is supplied in a sealed, foil package with a peel-away tab. Grasp the opposing edges and pull apart. As the package starts to open, take care that the dressing does not drop on the ground.

II. Push Into Wound Track

ChitoFlex™ is active on both sides. The entire dressing will become sticky when it is in contact with blood. Handle the dressing quickly and push the dressing aggressively into the wound track for best performance. It is critical to place ChitoFlex™ on the source of the bleeding, the area where the blood vessel damage has actually occurred.

III. Back With Gauze – Hold Pressure

With ChitoFlex™ in place, back it with Kerlix or gauze and apply pressure to the wound. Maintain pressure on the bandage for at least two minutes or until it adheres and the bleeding is controlled. Do not try to re-position ChitoFlex™ once it is applied. Once used, it will not stick again.

In addition to being stuffed into a wound, ChitoFlex™ can be cut or torn to treat multiple or smaller wounds. For small diameter wounds, ChitoFlex™ can be folded in a "C" shape before inserting into the wound track.

Additional Information For All HemCon Products

- Do not try to re-position the dressing once it is applied. Once used, a dressing will not stick again.
- If the dressing does not control bleeding acceptably, remove it, wipe the area with gauze to remove excess chitosan and use another dressing.
- If the dressing sticks to the wound, but doesn't completely stop bleeding, do not remove it right away. Depending on the severity of the remaining bleeding, it may be best to leave the dressing on. This is a decision you will need to make based on the particular wound and your personal training and experience.
- Apply a pressure dressing over the HemCon product to secure it and prevent contamination. Recheck the wound frequently for potential rebleeding.
- Both the HemCon® Bandage and ChitoFlex™ are designed to temporarily control severe bleeding. These dressings are not intended for long-term wound care. Take the patient to a doctor, medic or trained health care provider as soon as possible.
- Dressings should be applied immediately after opening the package. Effectiveness and sterility may be compromised if this time is exceeded.
- If the wound is to be submersed, a water-tight covering should be applied. HemCon products will not stick if soaked in water.