

Chito-SAM™ 100

100% Chitosan Hemostatic Dressing



“On the battlefield, hemorrhage from wounds remains the leading cause of mortality, accounting for 50% of all deaths. Hemorrhage is also the second leading cause of mortality among injured civilians, accounting for 39% of civilian trauma deaths.”

*— The United States Army,
Institute of Surgical Research¹*

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PRODUCTS®

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CE

KEY FEATURES & BENEFITS



KEY FEATURES

- Medical grade, 100% pure chitosan
- Easily removed with water or saline solution
- Sterile, waterproof packaging

BENEFITS

- Controls bleeding in minutes
- Tear Anywhere packaging for quick access
- Easy to apply

Part No.	Chito-SAM™ 100 Description
CTS100-04	Hemostatic Dressing, 4" x 4" single-ply
CTS100-06	Hemostatic Dressing, 6' Z-fold, tear anywhere pouch
CTS100-10	Hemostatic Dressing, 10' Z-fold, tear anywhere pouch
CTS100-06TR	Inert Training Gauze, 6' Z-fold, tear anywhere pouch
CTS100-10TR	Inert Training Gauze, 10' Z-fold, tear anywhere pouch

HOW IT WORKS

Chito-SAM™ 100 is a high performance **100% pure chitosan** hemostatic dressing designed to stop lethal bleeding fast. It is easy to use, extremely effective, and safe. It is a CE Marked Class III Medical Device.

Chito-SAM™ 100 works independently of the body's normal clotting processes.

Unlike most hemostatic dressings, Chito-SAM™ 100 is made of non-woven, 100% pure chitosan. The hemostatic performance is extremely effective compared to products impregnated or coated with chitosan hemostatic agents. It clots 3x faster than competitors in in-vitro clotting tests.



TEAR ANYWHERE PACKAGING



Our new “tear anywhere” packaging allows you to quickly access the product. Simply open the packaging using any of the tear strips located along every edge.



100% pure chitosan

In an independent test, Chito-SAM™ 100 performed 25% better than a leading Chitosan gauze.²



ABOUT CHITOSAN

Chitosan is a unique hemostatic material that produces localized clotting. It is not a procoagulant that engages or stimulates the normal clotting cascade. This minimizes the risk of an embolism.

In addition chitosan has proven antimicrobial properties. It is broken down and absorbed through normal metabolic pathways. Chitosan has an extensive history of use in vascular closure and in human cardiac surgery.



TRAINING

At SAM Medical Products, we know how beneficial it is to train with a product ahead of time. In response to your requests, we are pleased to offer an inert training version of the Chito-SAM™ 100 gauze, which can be used in training simulations.



REFERENCES

1. Bijan S. Kheirabadi, PhD, Anthony E. Pusateri, PhD, et al. *Development of Hemostatic Dressings for Use in Military Operations*. RTO HFM Symposium, RTO-MP-HFM-109.
2. Swine test, 6 mm femoral arterial punch model test

ABOUT SAM MEDICAL PRODUCTS

SAM® Medical Products is committed to bringing innovative solutions to market that meet the challenging needs of emergency medicine, the military, law enforcement, and hospitals around the world. Our SAM® Splint is the gold standard of flexible splints. We take pride in creating quality products that raise the bar. Our product lines focus primarily on fracture management and wound care, and include the SAM® Splint, SAM® Pelvic Sling II, SAM® Soft Shell Splint, Blist-O-Ban®, BursaMed®, the SAM® Chest Seal, SAM® Casualty Card, and the SAM® Junctional Tourniquet. Headquartered in Wilsonville, Oregon, our products are distributed globally in over 60 countries. Find out more at www.sammedical.com.

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