



Technology Fact Sheet



Stasilon™

Entegriion's first product to reach commercialization is built upon its Stasilon™ technology. This technology was invented by Entegriion in consultation with the Office of Naval Research to address the military's critical need for effective, but low-cost, hemostatic wound dressings. The Stasilon™-FR wound dressing for First Responders is a medical textile, a proprietary weave of specialty fibers, that controls problem bleeds from injuries. The development of Stasilon™ technology relied heavily on the extensive experience base that North Carolina industry could bring to bear on the challenge of manufacturing novel medical textiles.

This product is the result of the unique blending of North Carolina textile technology with the Entegriion's advanced understanding of the science of hematology. The Stasilon™-FR wound dressing demonstrates significant reductions in blood loss when compared with the current standard-of-care gauze. Upon removal of the dressings from the wound, clots in the damaged tissue should remain stable.

Stasilon™ – FR North Carolina Manufacturing Partners

Entegriion has partnered with two Triad-based textile firms to develop and manufacture the Stasilon™ – FR wound dressing: National Spinning Company of Glen Raven and Carolina Narrow Fabrics of Winston-Salem.

Stasix™

Entegriion's portfolio includes Stasix™, built upon technologies originally developed at the University of North Carolina and East Carolina University. Stasix™ is a platform technology for providing long-term storable, platelet-like particles that control internal bleeding and/or deliver therapeutics or nano-particles to sites of bleeding and/or microphage inflammation. The hemostatic Stasix particles can be applied topically, or infused and distributed systemically, to provide for control of hemorrhage, wound management, and tissue repair.

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