Through innovative technologies and applications, we cover all of your important medical adhesion needs so your products perform as they should. H.B. Fuller can provide adhesive solutions for your needs with a broad range of technologies in a variety of process-friendly packages.

A GLOBAL PARTNER IN MEDICAL ADHESIVES
H.B. Fuller focuses on connecting what matters with the right adhesive solutions for your medical applications. We bring our experience and technical, process and application knowledge together to enable our customers to do more, go faster and be smarter. We partner with our medical customers at all stages of device design and manufacture. By identifying the best adhesive solutions to meet their needs, we work together to deliver the highest quality medical devices every time.

ACCELERATING INNOVATION WITH THE ACQUISITION OF CYBERBOND, LLC
H.B. Fuller’s acquisition of Cyberbond, LLC, a leading provider of high-performance cyanoacrylates and UV curable adhesives, creates a single company uniquely positioned to serve the medical industry. We know that our combined businesses can have a real and meaningful impact on people’s lives by helping them deliver excellent product performance and lower overall manufacturing costs.

ISO 13485 CERTIFICATION PUTS US AT THE TOP OF THE CLASS
Medical manufacturers rely on their suppliers for consistent and reliable materials. At H.B. Fuller, we know that adhesive failure in a medical device could mean the difference between life and death. Our Batavia, Illinois, US, facility is ISO 13485 certified, ensuring that our products are made consistently — the same way, every time — and that they will conform to international standards. We are among only a few adhesive manufacturers in the world to be certified to this standard.

ISO 10993 BIOCOMPATIBLE ADHESIVES IS OUR STANDARD
We do our homework to give you every confidence that our adhesives will accelerate your development cycle. Our medical adhesives have passed ISO 10993 certification for cytotoxicity and, based on application, many of them also have passed ISO 10993 for skin irritation and skin sensitization testing.
H.B. Fuller adhesives can meet your performance requirements to deliver exceptional results with the right adhesive for your medical application. Our products have been used around the world in medical applications for more than two decades, enabling diverse new ideas and accelerating innovation.

RELIABLE MEDICAL DEVICE ASSEMBLY
Medical device assembly applications vary widely, but they typically involve the bonding of plastics, metals and other materials that can be difficult to bond. Certain substrates may even require the use of primers or other surface preparation in order to achieve satisfactory adhesion. In addition to bonding parts together successfully, medical device adhesives must be compatible with direct or indirect contact with the body and may be required to withstand multiple sterilizations. Leveraging our broad range of technologies, H.B. Fuller delivers a complete solution. From needle bonding to catheter assembly, our advanced medical technologies deliver reliable performance.

EFFECTIVE WOUND CLOSURE
Many accidents and most surgical procedures end with a secure skin closure. While sutures are used for deep wounds, our tissue adhesives can be used to close skin wounds from small incisions or cuts. Keeping the skin edges firmly sealed helps keep bacteria out while giving the body a chance to heal. H.B. Fuller’s tissue adhesives are of the highest purity and balance their strength with the ease of application and quick cure times.

SECURE SKIN ATTACHMENT
Skin is the largest organ in the human body, and it varies greatly from person to person. Skin can be fragile, wet, elastic, oily, dry or any number of combinations. Choosing the right adhesive is fundamental and critical when you are designing a medical device that attaches to a patient’s skin. Our team of application and technology experts can help guide you to the right adhesives for your needs. All of our skin attachment adhesives have been thoroughly tested, and are compatible with ISO 10993 for cytotoxicity, skin sensitization and skin irritation.
INTEGRATED DIGITAL ELECTRONICS TECHNOLOGIES

Since medical devices provide life support for patients in all levels of care, they require some of the most sophisticated electronics in the world. We provide next generation electronic manufacturing and technology services, and we understand how critical electronic design and processing is to the end product. Leveraging our world-class facilities and highly dedicated professional team, our solutions shorten a new product’s lead time to market and allow for the integration of the best innovations across customers’ supply chains.

ENABLING HIGH SPEED NONWOVEN LAMINATIONS

Disposable drapes and gowns are essential to the clean, sterile operating environment in today’s medical facilities. Over the years, medical drapes have evolved from advanced blankets to highly specialized medical devices with folds and flaps for specific procedures. H.B. Fuller’s hot melt technology provides exceptional performance in high-speed manufacturing of blanket drapes, and also enables precise application for manual or specialized processing. Hot melt technology is ideally suited for high bond strength to synthetic nonwovens, versatile processing and sterilization post production.

VERSATILE MEDICAL PACKAGING

Packaging is a key design component of any medical device because it directly impacts the efficiency of any procedure and gives manufacturers one more way to differentiate their products. The package provides a sterile environment to protect the device and can create a competitive advantage with superior user experience, and adhesives play a key role in packaging performance. H.B. Fuller has a robust line of packaging adhesives that will meet your needs.

CURING EQUIPMENT – FULLY ERGONOMIC LED UV CURING EXPERIENCE

Regardless of your unique adhesive needs, H.B. Fuller also produces UV curing equipment for our customers. This state-of-the-art, microprocessor-controlled, LED-powered device for curing UV adhesives is designed to provide increased bulb life, which could result in significant cost savings. It provides a fully ergonomic experience as well as vastly enhanced flexibility over existing UV curing systems. The advanced LED design allows unprecedented flexibility in bulb placement and provides a cool cure so the lamp may be moved as close to the substrate as possible. A single microprocessor may be paired with up to 12 LED lamps, making it the most expandable UV-curing device on the market and easy to integrate with a fully automated line. H.B. Fuller invites users of UV-curable adhesives to experience the next generation in curing technology.
ABOUT H.B. FULLER
For nearly 130 years, H.B. Fuller has been a leading global adhesives provider focusing on perfecting adhesives, sealants and other specialty chemical products to improve products and lives. With fiscal 2015 net revenue of $2.1 billion, H.B. Fuller’s commitment to innovation brings together people, products and processes that answer and solve some of the world’s biggest challenges. Our reliable, responsive service creates lasting, rewarding connections with customers in engineering, electronic and assembly materials, hygiene, construction, automotive, packaging and other consumer businesses. And our promise to our people connects them with opportunities to innovate and thrive. For more information, visit us at www.hbfuller.com and subscribe to our blog.