

The Exact Liner Your Cutting-Edge Bearing Design Deserves

Fenlon™

Self-lubricating fabrics are the unsung heroes of the industrial world. From automotive, to aerospace to industrial applications, they handle the impact of a landing gear, the weight of a seismic isolator, or the sudden twists and turns of a race car. They withstand sharp turns and changes of thrust, and hold up under tremendous weight, temperature extremes, harsh chemicals, and sustained, long-term cycles.

They need to have tolerances as tight as 0.002 inches and comply with stringent specifications like AS81820 Type A, AS81819, and many more, where performance requirements are literally in the stratosphere and failure is not an option. All the while, they quietly reduce friction and virtually eliminate the maintenance required with liquid lubricants like greases and oil, reducing weight and environmental impact and prolonging the life of critical components.

Need a self-lubricating fabric for your latest device? Like a plain bearing that goes in a landing gear, seismic isolator, or other device? Fenner can customize our liners not just to fit into your latest and greatest bearing design. But to complement it, push it and even enhance it!



THE PERFORMANCE YOU NEED FROM A PARTNER YOU CAN TRUST

It takes advanced material science not just to customize and manufacture state-of-the-art self-lubricating fabrics, but to specify, design, and fabricate them. It takes a technical textiles expert with the most advanced manufacturing, production, and testing capabilities and a track record of delivering customized solutions in the most demanding applications. With the world-class materials engineering support of our parent company, the Michelin Group, Fenner leads the industry in customizing self-lubricating fabrics to meet the most demanding applications:

- We have **applications engineering expertise**, including needs assessment and product design and development of finished materials.
- We have **industry-leading manufacturing capabilities** in weaving, warping, and coating fabrics and we have the widest range of yarns, fabrics and resins, including PTFE, polyester, aramids, and fiberglass.
- We have **state-of-the-art testing capabilities** to ensure the finished materials meet your specifications.

All of which makes Fenner your single-source supplier of everything from needs assessment and product design, to manufacturing and testing. No other manufacturer in the industry has such complete, end-to-end control of the process. We want to work with you to design and custom manufacture the specific products that will meet your application requirements.

TALK TO OUR PRODUCT DEVELOPMENT SPECIALISTS TODAY.

For immediate assistance, call 1-800-327-2288 and ask to speak to customer service or an Application Engineer. Or tell us more about your application by [filing out our product development questionnaire on the website](#).

See our world-class materials engineering expertise in action! [Read an account of our three-year product development effort for Fenlon Asta™](#), helping bearing manufacturers achieve AS81820 Type A certification at [fennerprecision.com](#).