



One part pure imagination.
All parts pure processing.

The GORE™ STA-PURE™ Gasket for Sanitary Fittings is a 100% expanded PTFE (ePTFE) developmental product for sealing critical bioprocesses and enabling pure processing. As the premier product for seal reliability, GORE™ STA-PURE™ Gasket for Sanitary Fittings:

- Ensure system reliability and safety with a low stress-to-seal design
- Provide superior dimensional stability and crush resistance through a patent pending 100% ePTFE microstructure
- Resist intrusion into process stream
- Enable clean processing with low particulation/spallation and leachable/extractable profiles
- Offer durable construction to withstand repeated CIP/SIP cycling
- Provide supply chain integrity and lot-to-lot traceability



STA-PURE™ Gasket
FOR SANITARY FITTINGS



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Ideal for Aseptic Applications

Engineered with high-purity applications in mind, the GORE™ STA-PURE™ Sanitary Gasket is a USP Class VI and FDA-compliant material comprised of homogeneous ePTFE (no fillers, no binders). This construction helps to achieve the low particulation/spallation and leachable/extractable profiles that are necessary for aseptic processing. The GORE™ STA-PURE™ Gasket for Sanitary Fittings can be easily integrated into an existing system. In addition, the durable construction enables the gasket to withstand repeated CIP/SIP cycles.

Enable Optimized Processing

While in a sanitary fitting during normal processing conditions, a dimensionally unstable gasket will start to intrude into the process stream when under pressure. The gasket continues to deteriorate and intrude as heat is introduced. As the gasket structure and cells start to shear, reduced output and contaminated batches often result.

Engineered with a 100% ePTFE patent pending microstructure, the GORE™ STA-PURE™ Gasket provides exceptional dimensional stability for increased sealing reliability and long product life. Designed for the most stringent temperature and pressure requirements (up to 600°F and up to 3,000 psi), the GORE™ STA-PURE™ Gasket is an optimal choice for applications such as ultra-pure water systems, media preparation, and upstream or downstream processing. Using GORE™ STA-PURE™ Gaskets in a process also provides the benefit of lot traceability, ensuring consistency from batch to batch. In addition, because the GORE™ STA-PURE™ Gasket can be used universally and integrated into a variety of different systems, this gasket is often selected to standardize operations, reduce inventory and improve purchasing efficiency.

The Science Behind the Solution

With almost fifty years in membrane research and technology, W. L. Gore & Associates, Inc., has combined its expertise with an extensive understanding of biotech processing to create innovative, leading-edge solutions. Through unique and proprietary modifications, Gore has engineered a gasket that provides optimal seal reliability, long life and enables clean processing.

Gore continues to study the design and manufacturing needs of the industry in areas such as bore intrusion, particulation/spallation, leachables/extractables, product standards and performance requirements.

Contact Us

For detailed selection criteria, technical assistance and installation guidelines, please contact a Gore representative.

To the best of our knowledge, the information contained herein is accurate. Final determination of the suitability of any information or material for the use contemplated and the manner of use is the sole responsibility of the user. The above information gives typical properties only.

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