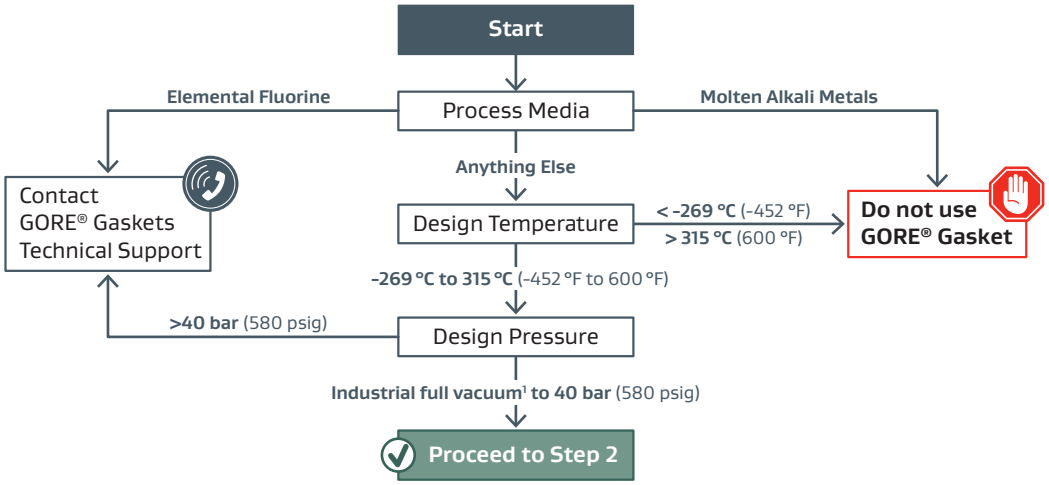
GORE® Sealant Technologies



GASKETING PRODUCT SELECTION GUIDE

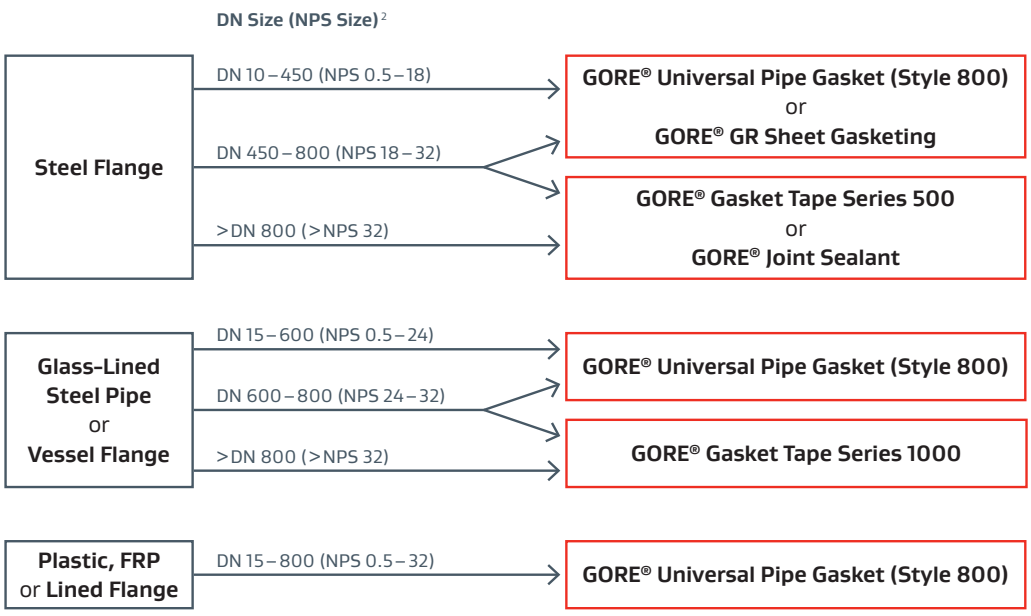
STEP 1

Verify that the application meets GORE® Gasketing Qualifications.



STEP 2

Narrow the selection of GORE® Gaskets for the application by selecting the flange material and size.



These selection criteria are for general guidance only. To determine suitability in a specific application, see the product data sheets and installation instructions on gore.com. If additional assistance is needed, please contact GORE® Gaskets Technical Support.

1 Absolute pressure of 1 mmHg (Torr) = 133 Pa = 1.33 mbar = 0.019 psi
2 EN 1514 Dimension Nominal (DN) / ASME B16.9 Nominal Pipe Size (NPS)

Together, improving life

GORE® Universal Pipe Gasket (Style 800)

A universal gasket for all standard flanges on chemical process piping. Designed to meet the needs of different piping materials, it is ideal for standardizing across steel, glass-lined steel, and fiber-reinforced plastic (FRP) systems. It delivers long-life performance, lowers total system sealing costs and simplifies inventory stocking requirements, while also protecting against the use of the wrong gasket.



GORE® Gasket Tape Series 500

Save time, money, and trouble with this cutting-edge form-in-place product that maximizes operational reliability of large steel pipe and equipment flanges. Delivering dramatically improved creep resistance, the highly compressible tape forms a very tight seal that is long-lasting while also handling the rigors of virtually any chemical process. Unlike traditional large gaskets, this tape fits any shape instantly, which eliminates large-gasket fabrication and inventory challenges.



GORE® GR Sheet Gasketing

Unmatched in sealing reliability, this unique product is ideal for sealing steel pipe and equipment flanges across a range of aggressive fluids. Gain the benefits of PTFE gasketing without the problems of creep and cold flow – along with a level of high-temperature and lowout resistance that is superior to any other PTFE sheet gasket. Highly conformable, it compresses into an extremely tough gasket that seals tight, even on irregular flanges.



GORE® Gasket Tape Series 1000

GORE® Gasket Tape Series 1000 addresses all the challenges of reliably sealing large glass-lined-steel flanges. Made of 100% expanded PTFE (ePTFE), this highly conformable tape is chemically inert, and highly resistant to creep, cold flow and clamp-force loss. Its proprietary barrier core maintains an extra-tight seal even at low loads.



GORE® Joint Sealant

The original form-in-place gasketing, it's the most versatile and cost-effective alternative to sheet gasketing for large equipment flanges. Ideal for sealing complex surfaces, it conforms extremely well to rough or pitted surfaces. It's easy to install, too: just peel off the backing, apply to the surface, and overlap the ends for a remarkably tight seal.



GORE® GFO® Packing Fiber

This durable, high-performance packing is easy to install and remove, and can be used in a wide range of conditions and applications: from sealing shafts on high-speed pumps, mixers and agitators, to virtually any equipment with rotating or reciprocating shafts. Unlike ordinary PTFE/graphite packings, packings with 100% GORE GFO fiber withstand extended run-times at high speeds without becoming hard or brittle.



GORE® GR Sheet Gasketing and unprinted GORE® Universal Pipe Gasket (Style 800) conform to the US FDA 21CFR. Declaration of Compliance is available upon request.

All technical information and advice given here is based on Gore's previous experiences and/or test results. Gore gives this information to the best of its knowledge, but assumes no legal responsibility. Customers are asked to check the suitability and usability in the specific application, since the performance of the product can only be judged when all necessary operating data are available. The above information is subject to change and is not to be used for specification purposes. Gore's terms and conditions of sale apply to the sale of the products by Gore.

GORE, GFO, *Together, improving life* and designs are trademarks of W. L. Gore & Associates. © 2022–2026 W. L. Gore & Associates GmbH

PLEASE VISIT GORE.COM/SEALANTS TO FIND CONTACT DETAILS FOR ALL LOCAL SALES OFFICES.

North America / South America

W. L. Gore & Associates, Inc. (USA)
T +1 800 654 4229
F +1 410 506 8585
E sealants@wlgore.com

Europe / Middle East / Russia / Africa

W. L. Gore & Associates GmbH (Germany)
T +49 89 4612 2215
F +49 89 4612 43780
E sealants_EU@wlgore.com

Asia / Australia

Gore Industrial Products Trade (Shanghai) Co., Ltd. (China)
T +86 21 5172 8299
F +86 21 6247 9199
E sealants_AP@wlgore.com

SEAL-286-R3-STL-EN-SEP26