



Sealant Technologies

For Fluid Sealing and Transport



GORE TECHNOLOGY

SOLVING THE MOST CHALLENGING SEALING PROBLEMS.



For more than 40 years, Gore's Sealant Technologies Group has developed innovative PTFE gaskets, seals and other fluid-sealing products designed to meet both standard and unique sealing and pumping applications.



Fluid Sealing Leadership

For more than 40 years, the Sealant Technologies Group of W. L. Gore & Associates has fostered a solid knowledge of factors that influence the sealing of piping systems, vessels, pumps and valves. Our singular focus has resulted in the development of innovative and top-performing gaskets and packings. We've also established a comprehensive technical services program, specially designed to help customers determine the best solutions for their toughest sealing applications.

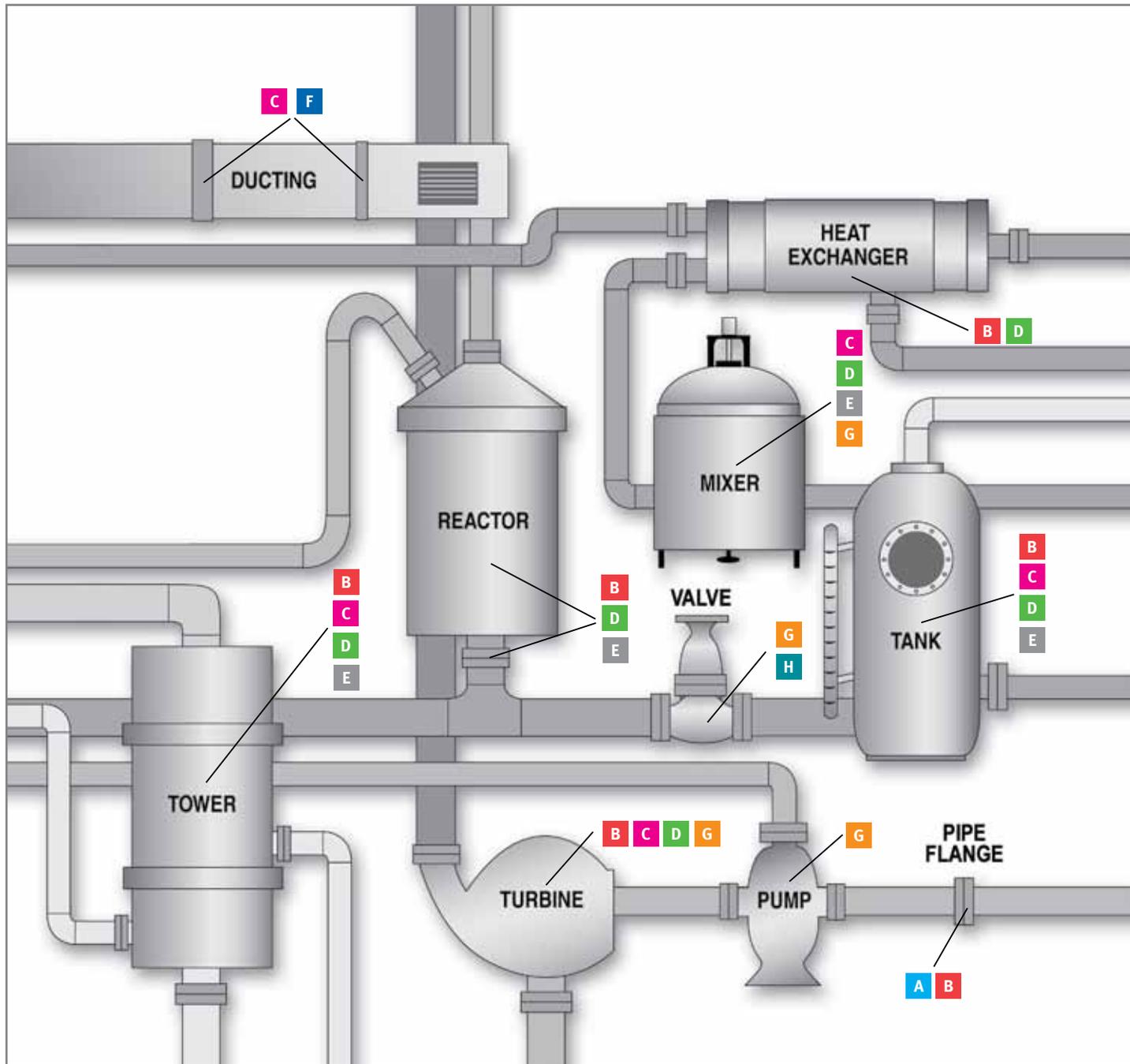
Products that Seal

Because of its unique combination of properties, GORE® expanded PTFE virtually eliminates the drawbacks of conventional PTFE sealing and fluid handling products. Our gasket configurations provide solutions for flanges that are fragile, warped or misaligned. We also enable users to standardize one gasket material across a wide range of process piping systems. Our packings are among the highest-performing, most universal products on the market today.

Global Company ... Global Commitment

We're a creative technology company employing approximately 10,000 associates, in more than 30 countries around the world. Working in a distinctive company culture that encourages innovation, commitment and communication, Gore engineers have created thousands of patented and proprietary inventions. Each product is designed to be the best-performing, highest-quality product solution in its class.

APPLICATIONS



KEY

- | | |
|---------------------------------------|---------------------------------------|
| A GORE® Universal Pipe Gasket | E GORE® Series 600 Gasket Tape |
| B GORE® GR Sheet Gasketing | F GORE® Gasket Tape |
| C GORE® Joint Sealant | G GORE® GFO® Packing |
| D GORE® Series 500 Gasket Tape | H GORE® Valve Stem Packing |

GORE[®] GASKETING

Whether it's a standard piping or vessel application, or a difficult and unusual sealing problem, chances are one of Gore's gasketing products can provide a highly effective solution.



Reliable Seal

Gore sealants are among the world's tightest, most reliable and chemically resistant gaskets. They withstand temperatures from -450°F to $+600^{\circ}\text{F}$ (-268°C to $+315^{\circ}\text{C}$), making them ideal for high-temperature as well as cryogenic applications. And they are resistant to the most challenging chemicals.

Our gaskets are proven effective against every performance measure. They seal at low bolt loads, conform to flange deviations, exhibit high dimensional stability, resist creep and cold flow, and are highly resistant to blowout.

Gore gaskets are designed to meet the many needs of process piping materials, making them ideal for lowering total sealing system costs. They solve special sealing problems, and provide the ability to standardize with one gasket material across steel, glass-lined and fiber-reinforced plastic (FRP) systems wherever non-metallic gaskets are used.



GORE® UNIVERSAL PIPE GASKET (STYLE 800)

A



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® SERIES 500 GASKET TAPE

D



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

B



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 blowout 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® SERIES 600 GASKET TAPE

E



A form-in-place gasket for glass-lined equipment that guards against premature gasket failure. Unlike PTFE envelope gaskets, it won't degrade due to chemical attack, ensuring a tight, long-lasting seal. Made from 100% multi-directionally expanded PTFE, the entire gasket is chemically inert. It conforms to common glass-lined flange imperfections, yet maintains dimensional stability. Plus, installation is quick, easy and at lower cost.

GORE® JOINT SEALANT

C



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® GASKET TAPE

F



This versatile, thin-profile, form-in-place gasketing features a full-face strip-type construction under 2 inches (50.8 mm) wide for smooth, flat, rectangular sealing surfaces or for narrow sealing surfaces. It compresses easily to an extremely thin profile, while requiring only minimal compression to seal. Because of its easy installation and removal, it is ideal for equipment with tight tolerances.

