



SOLON® FLANGE WASHERS FOR LNG APPLICATIONS

INDUSTRY CHALLENGES

The EPA determined that leaking equipment, such as valves, pumps and connectors are the largest source of fugitive emissions for the oil and gas industry. Environmental concerns regarding leaks mean keeping a watchful eye on problematic equipment.

Flange leaks are often due to differential thermal expansion, creep, relaxation, and high cycle, where traditional methods of bolting flanges do not overcome the effects of these variables. Typically the problem occurs after initial start-up, and subsequent cycling and field repairs tolerate the excessive leaking until the next maintenance schedule.

SOLUTION

Solon® Flange Washers enhance performance between maintenance cycles. Available in 17-7 stainless steel and Inconel 718 & X750, Solon Flange Washers maintain the bolt or gasket stress above what is necessary to maintain a leak-free joint.

Solon Flange Washers are designed to maintain sufficient bolt tension and resultant gasket pressure in high-temperature and high-pressure applications where safety and emission containment take priority.

SOLON ADVANTAGES

- Reduce fugitive emissions
- Maintain bolt integrity
- Made in the USA

CUSTOMER BENEFITS

- Economical alternative to costly system enhancements
- Low maintenance



Solon® Flange Washers



For additional information, please contact Solon Manufacturing Co.
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