

# RIDETIGHT<sup>®</sup>

## HYDRO2HYDRO<sup>™</sup> PROGRAM

The Hydro2Hydro<sup>™</sup> program increases fleet utilization by reducing maintenance downtime



VSP's PITA<sup>®</sup> gasket is "Torque-Holding" and maintains connection stability



Patented OPRA<sup>™</sup> PITA<sup>®</sup> gasket design/technology engineers the gasket shape and contact area to match the available bolt load in flat face flange arrangements.

### HYDRO2HYDRO<sup>™</sup> PRODUCTS COME WITH DOCUMENTATION CONTAINING:

- » Gasket Specification
- » Installation Instructions with Assembly Torque Values
- » QA Traceability with Signature Verification for Compliance

The Hydro2Hydro<sup>™</sup> program leads to optimized installation





## PITA®

Combines expanded PTFE for low stress to seal with a 316 corrugated stainless steel insert/spring providing unmatched sealing & pressure resistance performance in steady or cycling conditions.

The patented, encapsulated design uses no adhesive for zero process contamination which provides complete chemical inertness.

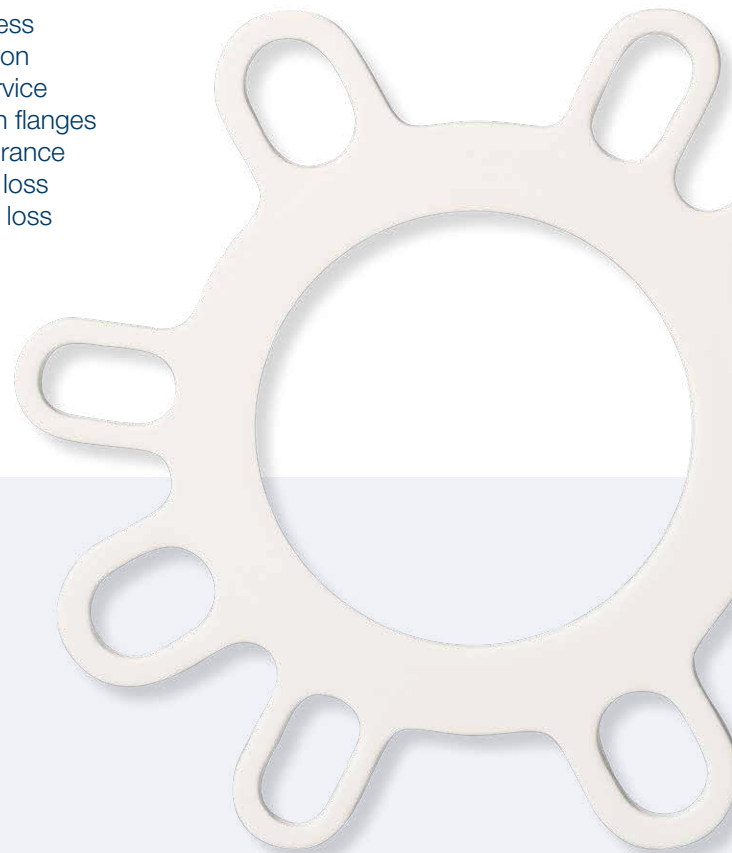


PITA® Expanded PTFE  
 Encapsulated insert  
 U.S. Patent 7.455.301



Point Contact Loading

- » Complete chemical inertness
- » Zero Process Contamination
- » Suitable for Cryogenic Service
- » ePTFE seals against rough flanges
- » Better thermal cycling tolerance
- » Lower relaxation & torque loss
- » No adhesive = No volume loss
- » Unlimited shelf life



## HYDRO2HYDRO™ SERVICE LIFE RELIABILITY ACHIEVED THROUGH:

- » Best material and gasket choice considering chemical compatibility, min/max stress requirements of the gasket and bolted flange joint, and tightness.
- » High tightness sealing provides leak free long-term reliability.
- » Retorque eliminated through VSP's patented "Torque-holding" materials maintaining fastener preload and connection stability.
- » Optimized installation instructions and torque values with traceability documentation.