



RIDETIGHT ® HYDRO2HYDRO™ PROGRAM

The Hydro2Hydro™ program increases fleet utilization by reducing maintenance downtime

Reduced Total Cost of Ownership (TCO) Through Elimination of Leaks and Maintenance Costs Detailed Gasket
Purchasing &
Engineering
Specifications to
meet the Demands
of Dedicated Service
Equipment.



VSP's PITA® gasket is "Torque-Holding" and maintains connection stability "Torque-Holding"
Materials ensure
high-integrity sealing
with no Retorque
require for
Hydro2Hydro™

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Compliance Documentation with Traceability / QA Packaging and Controlled Assembly Torque Instructions Material & Dimensional Optimization provides broad Coverage for DIN & ASME flanges



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



HYDRO2HYDRO™ PRODUCTS COME WITH DOCUMENTATION CONTAINING:

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

The Hydro2Hydro™ program leads to optimized installation





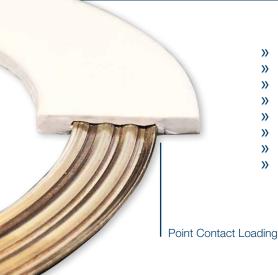
PITA®

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



- » 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.

