



AB-326™ InpHerno™

Low Stress Fire Safe ePTFE
Spiral Wound Gaskets

Spiral wound gaskets with broad-spectrum chemical resistance and fire-safe capabilities are unique to the fluid sealing industry.

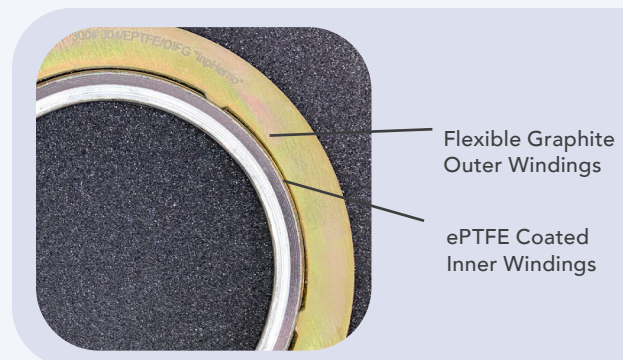
VSP Technologies develops the advanced AB-326™ InpHerno, an ePTFE/FG gasket. High-temperature applications benefit from its blow-out resistance and optimal seating stress for various bolt loads. Its ePTFE inner and FG outer windings ensure strong chemical resistance and reliability for critical operations.



Fireproof Confidence: AB-326™ InpHerno Seals Safely

- ▶ Can be manufactured with any commercially available metallurgies
- ▶ Engineered anti-buckling design
- ▶ Lower stress to seal than standard spiral wound gaskets: perfect for lap joint and slip-on flanges
- ▶ Superior low-emission performance over traditional flexible graphite gaskets

The flexible graphite from the spiral wound gives the gasket its fire-tested seal.



VSP Technologies deploys a team of Engineers and Fluid Sealing Specialists who provide engineered solutions for your unique sealing requirements.

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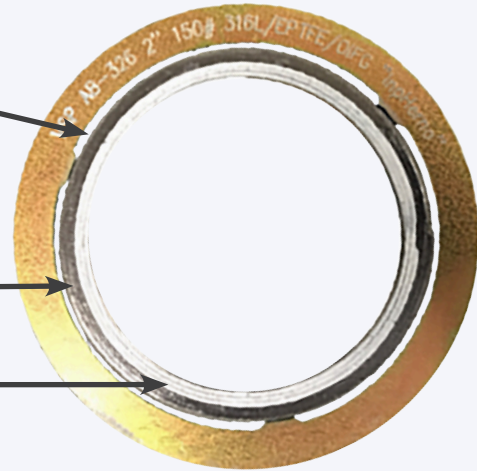
SPRING ENERGIZED CONSTRUCTION

Relief Port Before Compression

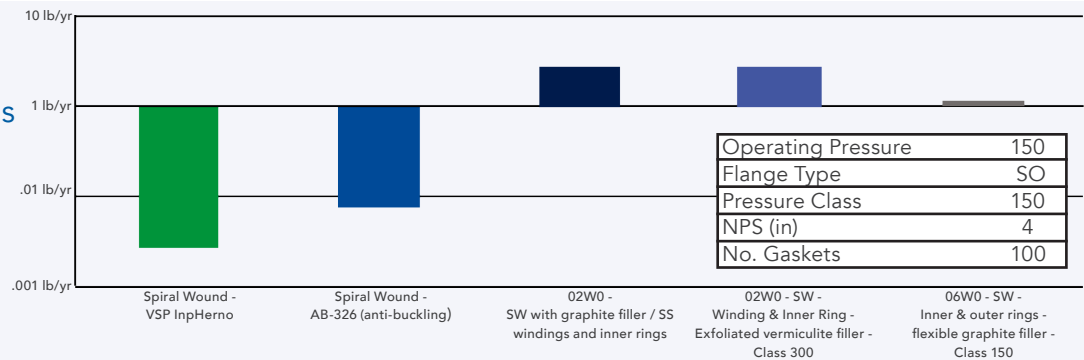
- Redirects outward flow during compression
- Stops radial buckling and unwinding

Flexible graphite outer windings create a fire-safe barrier

The ePTFE inner windings offer excellent sealing, process purity, and broad chemical resistance



Fugitive Emissions Comparison by Gasket Type



Product Specifications

Temperature Range	Max = 600°F
Pressure Resistance	Full vacuum to maximum flange rating
Chemical Resistance	All chemical services (pH 0-14) except molten alkali metals, elemental fluorine and aggressive tri-fluoride compounds
ASME Gasket Factors	$m=2.5$ $y=4,500$ psi
PVRC Gasket Factors (PVRC ROTT)	$G_B=1607$ psi $a=0.237$ $G_S=4.0$ psi
Tightness & Sealability (PVRC ROTT)	$T_{p(max)} > 50,000$
Fire Testing	API 607, 4th Edition = Pass Fire Integrity Tightness Testing = Pass

AB-326 InpHerno

- Fire-safe ePTFE gaskets
- Low Stress to Seal for Class 150 & 300 flanges
- Anti-buckling - no inner ring necessary

Ensure complete mechanical and specification compliance with VSP's PITA Torq-Kit™



All Flange rework components in one box with assembly instructions to ensure reliable performance

Contact VSP for ordering information