

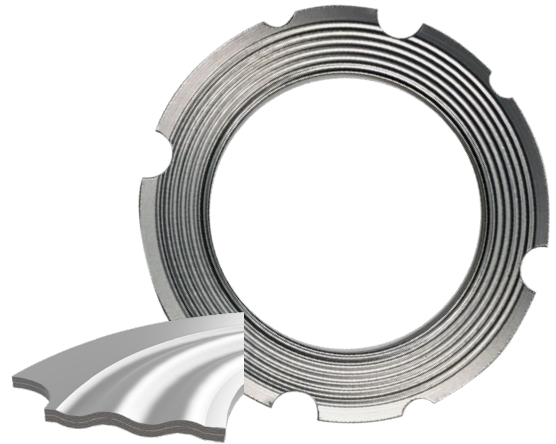


Eco316™

Low Emission, Multi-layer Gasket

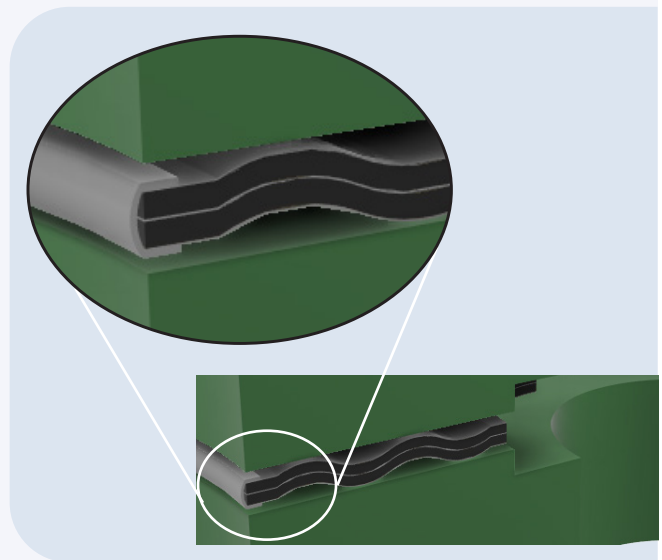
Eco316™ is part of VSP's next generation of gasket technologies for bulk transportation equipment and fixed-based plant operations

The Eco316 is comprised of a totally encapsulated flexible graphite filler to 316 stainless steel outer layers and a resilient core. An ultra-thin PTFE coating enhances overall sealing performance and eliminates flange adhesion, common with graphite-based gaskets.



Low Emission Gaskets for Optimal Sealing Performance

- ▶ Stainless Steel construction – at product contact points
- ▶ Food Grade – FDA & EU compliant
- ▶ Environmentally safe – easy recycling attributes
- ▶ Multi-trip utilization – no gasket change needed after cleanings
- ▶ Fire-safe



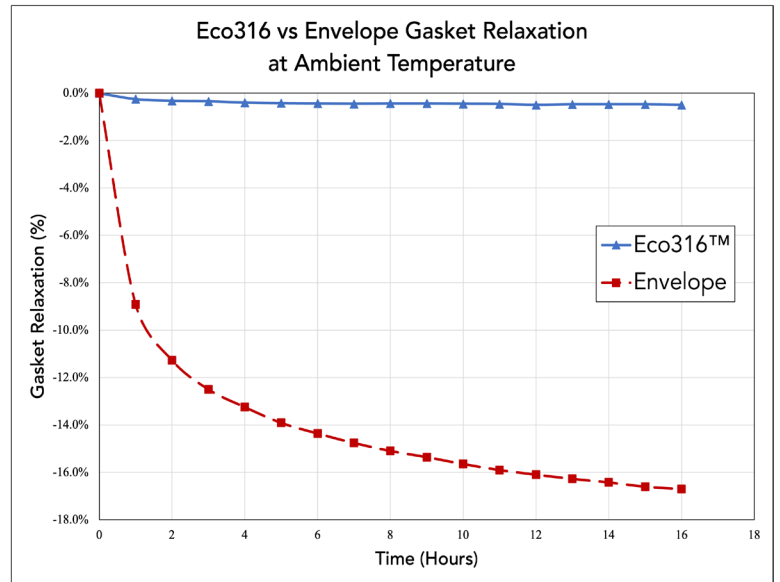
VSP Technologies deploys a team of Engineers and Fluid Sealing Specialists who provide engineered solutions for your unique sealing requirements.

8140 Quality Drive, Prince George, VA 23875
800-334-6013 • vsptechnologies.com

Product Specifications

| | |
|--|--|
| Temperature Range | Max= 300°C (575°F) Min= -200°C (-330°F) |
| Pressure Resistance | Full vacuum to maximum flange rating |
| Chemical Resistance | This product has the chemical resistance of 316L Stainless Steel |
| Stress Required to Achieve a Helium Leak Rate of 1.00E-03 (mg/sec*m) @150 psig | 2,400 psi |
| ASME Gasket Factors | m=2 y=1,500 psi |
| ROTT Gasket Constants | $G_b = 77.1$ psi a= 0.413 $G_s = 4$ psi |
| Certificates | BAM API 6FB (Fire safe) TA Luft FDA & EU1935/2004 Complicant |

Gasket Relaxation



The Eco316™ relaxed 0.5% over 16 hours, while the Envelope relaxed 16.7%.

TORQ-KIT™

Ensure complete mechanical and specification compliance with VSP's Eco316 Torq-Kit™

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

Smart. Safe. Sustainable.



Multi-Trip Cleanings



Reduced Emissions



Recyclable