

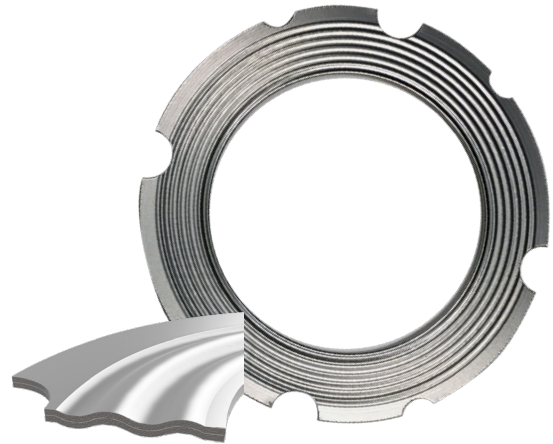


## Eco316®

Low Emission, Multi-layer Gasket

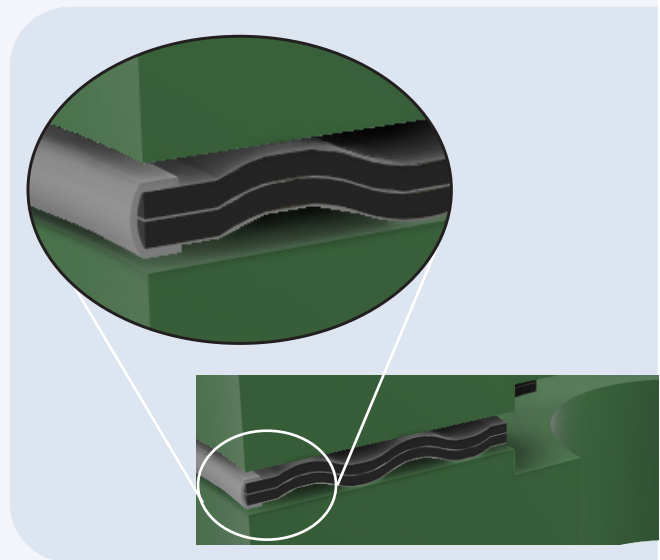
Eco316® is part of VSP's next generation of gasket technologies for bulk transportation equipment and fixed-based plant operations

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



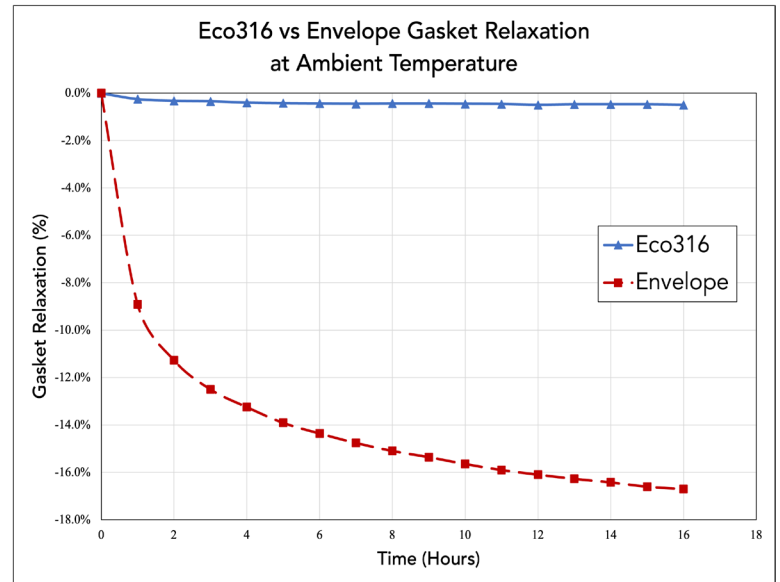
VSP Technologies deploys a team of Engineers and Fluid Sealing Specialists who provide engineered solutions for your unique sealing requirements.

8140 Quality Drive, Prince George, VA 23875  
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## 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