



Now there's a **Manway Gasket** that ends fugitive emissions, damaged surfaces and blow outs.

PREMIUM SEALING OPTIONS: **SEL+** *Thermiculite®* **CORRICULITE**

The ability to be used in a wide range of surface finishes and operating pressures, and a gasket which is designed to stay in place during closing.

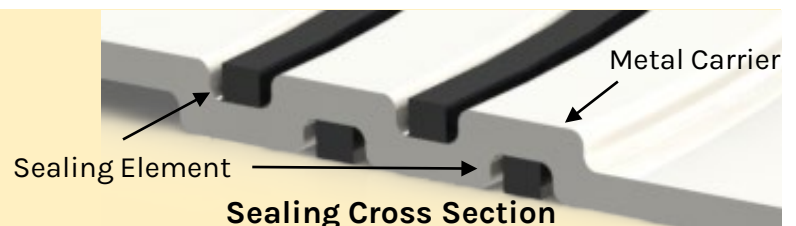
Eliminate problems with leakage, gasket surface damage, gasket blow out, damage to other equipment and/or personnel. The most important feature of the gasket is the high unit load generated by the narrow sealing area provides a considerably higher flange clamping pressure and a better seal at a lower clamping force.

KEY BENEFITS

- Ability to cope against severe thermal cycling and vibration
- Inherent Live Loading capability
- Fire, Blow Out, & Leak proof
- Superior pressure handling
- Ease of installation
- Lower seating load
- Cannot be over compressed
- No need to re-torque
- Eliminates fugitive emissions

THE DESIGN

The metal gasket material with two (2) tracks of SEL + Flexible Graphite sealing elements. Specialty gasket material and/or sealing elements are available as options.



TECHNICAL DATA

Sizes: 12 x 16, 14 x 18, 16 x 18, 18 x 24, 20 x 24, 22 x 26

Thickness: 1/16" (1.6mm) Other thicknesses available, contact engineering department for more details

Surface Finish: 10 to 400 µin RMS (microinches)

Sealing Track width: 0.125" each side

Minimal sealing track web width: 0.375"

Leak Rate: 0.005 in mg/m · s (DIN 28090 / 1.2) < 10ppm @ He

Temperature Range: -328°F/-200°C cryogenic air +932°F/+500°C in regular atmosphere + 1202°F/+650°C in steam +1832°F/+1000°C reducing or inert media. Varies by material.

Pressure Range: Full vacuum to +5000 psi

Minimum Seating Stress: 2900 psi (20 MPa)

Maximum Seating Stress: 23,200 psi (160 MPa) (testing equipment limit)

Recommended Seating Stress: 5800 to 8700 psi (40 to 60 MPa)

Available Sizes for Flange Standards::
ANSI 16.5, DIN 2600 & JIS B2220.

METAL CARRIER OPTIONS

Carbon Steel

MONEL®

INCONEL®

Copper

AL6XN® (Stainless Steel)

304 Stainless Steel

316 Stainless Steel

321 Stainless Steel

347 Stainless Steel

HASTELLOY®

Nickel

Titanium

SEALING ELEMENT OPTIONS

SEL + Flexible Graphite

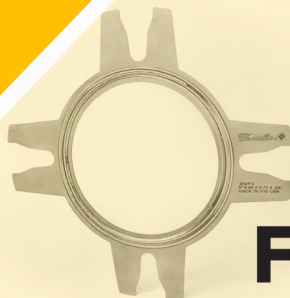
PTFE

Thermiculite

Corriculite



**ALSO
AVAILABLE**



FLEX SL
Self Locator



FLEX HX
Heat Exchanger

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