

## HIGH TEMPERATURE STATIONARY & ROTATING WELDED METAL BELLOWS CARTRIDGE SEALS

- **Style 63:** Stationary welded metal bellows cartridge  
**Style 66:** Rotating welded metal bellows cartridge
- Easy cartridge seal installation.
- Proven high performance nesting ripple bellows design.
- High temperature static grafoil packing throughout seal.
- Standard AM350 heat treated bellows; Alloy 718 heat treated bellows option available.
- Low expansion alloy face retainer.
- Upgradeable to include any of the extensive array of API 682 design specifications such as a piloted gland with a metal-to-metal confined gland gasket, specific sleeve thicknesses, surface finishes, and throttle bushing clearances.
- Gland design with flush, quench and drain connections and throttle bushing.
- Bronze steam deflector option available to assist various API 682 plans in eliminating coking buildup on the bellows assemblies.



- Carbon floating bushing option available.
- Double-ply welded bellows available for higher pressures.
- Pump-specific designs available. Please contact Flexaseal for more information.

### MATERIALS OF CONSTRUCTION

<b>Faces</b>	Antimony Impregnated Carbon, Nickel Bound Tungsten Carbide, Sintered Silicon Carbide
<b>Welded Bellows</b>	AM350HT, Alloy 718. Single- and double-ply bellows options available.
<b>Gland Bushing</b>	Bronze, Carbon
<b>Standard Metallurgy</b>	316 SS with low-expansion Alloy 42 retainer. Other material options available, please consult Flexaseal.

### OPERATING PARAMETERS

<b>Max Temp</b>	800°F (425°C)
<b>Max Pressure</b>	300 psi (20 bar)
<b>Max Speed</b>	<b>Style 63:</b> 10,000 SFPM (50m/sec) <b>Style 66:</b> 4,500 SFPM (22m/sec)

\* Max Temperature / pressure / speed indicate operating extremes independently and do not imply the seal will function at these extremes at the same time. Contact Flexaseal if in doubt.