

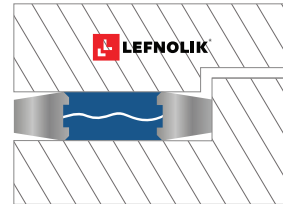
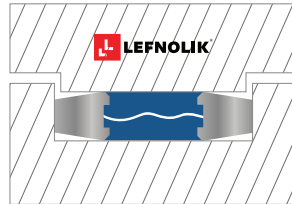
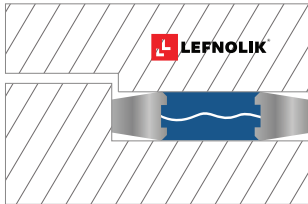
## HIGH PRESSURE VALVE BONNET/SEAT/CAGE GASKETS

### APPLICATIONS:

- For Valve bonnets, body, seat, cage, high pressure vessel lids and other devices.
- For Fossil Power Plant, Refinery, Pulp & Paper, Chemicals, Petrochemicals, Oil & Gas.
- For Nuclear Power Plant.
- For Steam and water applications.

### MAIN FEATURES AND PROPERTIES:

- Pressure : 290 Bar (4200 psi).
- Temperature : 650 °C (1200 °F) in steam, 450 °C (842 °F) in oxidizing atmosphere.
- Made of Pure Graphite with Corrosion Inhibitor LL99 or LL99N for Nuclear.



- The gasket is designed with internal live load sealing. This keeps the seal faces and flanges sealed perfectly.
- The gasket is designed with internal live load sealing. This keeps the sealing permanently under thermal cycles and vibration conditions.
- The gasket is designed with internal live load sealing. This made the gaskets stress is very low.
- The gasket is designed with internal live load sealing. This required no retorquing.
- Blowout safe.
- Fire safe.
- Stop VOC leaks.
- Less torque to seal.
- Can not be over compressed
- Twin sealing, metal to metal and graphite to metal.
- Original state upon unloading.
- Leak rate at gas tight.
- Low Creep.
- High Recovery.

### Tested, Approved and Certified

- Fire Test approved 650 oc (API 6FB)
- TA-Luft helium test approved for low emissions (VDI 2440)
- Leakage helium test approved (EN 13555)

### SHELL MESC SPE 85/300

- 3.3.2 Fugitive Emissions: PASS
- 3.3.3 Fire Test ( API 6FB): PASS
- 3.3.4 ROTT Test 400 Oc: PASS
- 3.3.5 HOTT Test 400 Oc: PASS
- 3.3.6 Hot Blowout Test 400 Oc: PASS
- 3.3.8 Gasket Adhesion: PASS

