



PRESSURE SEAL GASKET G44

Composition

- Expanded graphite with C>99% purity
- Metallic covers
- SS316L inserts

Characteristics

The Pressure Seal Steelgraph G44 gasket features a combination of expanded graphite reinforced with steel sheets SS316L and metallic covers. This design offers optimal protection against extrusion while maintaining high elasticity and resistance. The gasket can withstand high pressures and ensures reliable sealing even in extreme operating conditions.

Applications

This type of gasket is specifically designed for pressure seal valve systems. It is ideal for high-pressure applications where reliable and durable sealing is required.

Tech Data

| | P bar | lbf/in ² | Vm/S | f/pm | pH | T °C | T °F |
|---|-------|---------------------|------|------|------|------------------|-------------------|
|  | 1500 | 22500 | | | 0÷14 | -200 ÷ 450 / 650 | -330 ÷ 840 / 1200 |

- Never use the product at its maximum rated temperature and pressure. Consult the manufacturer for further information.
- The peak temperature can be sustained only for short exposure periods.
- With weakly oxidizing agents and hot air, the temperature must be limited to 450 °C.
- With steam and non-oxidizing fluids, the temperature must be limited to 650 °C.



Pressure Seal Gasket G44

The Pressure Seal Steelgraph G44 gasket is designed for high-pressure valves, manufactured by molding expanded graphite reinforced with steel sheets and assembled with two SS316L covers (or other steel upon request). This configuration provides effective protection against extrusion while ensuring excellent elasticity and resistance properties.



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