



PRESSURE SEAL STEELGRAPH G11

Composition

The gasket is composed of high-quality expanded mineral graphite, reinforced with SS316 steel inserts. These materials are selected to provide an optimal combination of elasticity and strength, ensuring long-lasting and reliable performance.

Characteristics

Steelgraph G11 exhibits high elasticity thanks to the expanded graphite, allowing perfect adaptability to sealing surfaces. The SS316 steel inserts give the gasket superior resistance to extrusion, ensuring effective sealing even under high pressures and in the presence of corrosive fluids. The gasket can be produced at a density of $1.7 \div 1.8$ g/cc.

Applications

This gasket is ideal for Pressure Seal Valves and the gates of high and medium-pressure condensers found in thermal power plants. Thanks to its ability to withstand extreme conditions and ensure reliable sealing, it is widely used in industrial environments where safety and reliability are paramount.

Tech Data

| P bar | lbf/in2 | pH | T °C | °F |
|-------|---------|------|-----------------|--------------------|
| 1.500 | 22.500 | 0÷14 | -100 ÷ 450/ 650 | -150 ÷ 800 / 1.200 |

- Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information
- The peak temperature can be sustained for short exposures
- 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
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Steelgraph G11 is an innovative gasket obtained through the molding process of expanded graphite with the insertion of SS316 steel laminates. This unique combination offers excellent adaptability and resistance, ensuring reliable sealing even in extreme conditions.



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