PRESSURE SEAL STEELGRAPH G22

Composition

- Expanded graphite die-formed ring
- Metallic covers



Characteristics

Steelgraph G22 features a structure of expanded graphite combined with two SS316L steel covers (or other steel upon request). This combination provides effective protection against extrusion while ensuring high elasticity and resistance properties. The gasket can be produced at a density ranging from 1.55 to 1.70 g/cc, thus ensuring an optimal density for various applications.

Applications

This gasket is specifically designed for pressure seal valves, where protection against extrusion is essential to ensure reliable and durable operation.

Tech Data

	P bar	lbf/in2	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 simultaneously. Consult the manufacturer for further information.
- The peak temperature can be sustained only for short exposure periods.
- When used with weakly oxidizing agents or hot air, the temperature shall not exceed **450 °C**.
- When used with steam or non-oxidizing fluids, the temperature shall not exceed **650 °C**.

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Steelgraph G22 is a gasket made of expanded graphite molded and assembled with two SS316L covers (or other steel upon request). This solution protects the gasket from extrusion while ensuring excellent elasticity and resistance characteristics.

The information provided in this publication, as well as that supplied to users in other forms, is based on our experience and communicated according to the best knowledge available. However, since numerous factors beyond our knowledge and control may influence the use of the products, no warranty, explicit or implicit, is given regarding such content. The operating limits indicated do not constitute confirmation that these values can be applied simultaneously. Avoid using the product at the maximum temperature and pressure limits. The maximum temperature is sustainable only for short periods under specific conditions. Specifications may be changed without notice. The images in the DS may not exactly represent the product, its color and/or marking.

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