



# PRESSURE SEAL STEELGRAPH G22

## Composition

- Expanded graphite die-formed ring
- Metallic covers


## Characteristics

Steelgraph G22 features a structure of expanded graphite combined with two SS316 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/in <sup>2</sup>	Vm/S	f/pm	pH	T °C	T °F
	1500	22500			0÷14	-200 ÷ 450 / 650	-330 ÷ 840 / 1200

- 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



## Pressure Seal Steelgraph G22

Steelgraph G22 is a gasket made of expanded graphite molded and assembled with two SS316 covers (or other steel upon request). This solution protects the gasket from extrusion while ensuring excellent elasticity and resistance characteristics.



The information in this publication, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice. The picture in the DS may not accurately depict the exact color and/or markings of the product.



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