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/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**.



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.

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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