



PRESSURE SEAL STEELGRAPH G33

Composition

- Pure expanded mineral graphite
- Anti-extrusion metal rings

Characteristics

Steelgraph G33 features a structure of expanded mineral graphite with the insertion of metal rings on the corners. This combination offers effective protection against extrusion while maintaining high elasticity and resistance properties. The gasket is designed to withstand high pressures and maintain reliable sealing over time.

Applications

This gasket is specifically designed for pressure seal valves and high and medium pressure condensers in thermal power plants. Thanks to its extrusion resistance and durability, it is suitable for high-pressure and high-temperature environments.

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. 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.



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Steelgraph G33 is a gasket made by molding expanded graphite with the insertion of metal rings on the corners. This solution allows combining the high elasticity of graphite with excellent extrusion resistance.



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