



# 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 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 G33

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.



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.



**Carrara S.p.A.**,  
Via Provinciale 1/E - 25030 Adro - BS - Italia  
tel. +39 030 7451121 / fax +39 030 7451130  
[www.carrara.it](http://www.carrara.it) - [info@carrara.it](mailto:info@carrara.it)