



# VALVOGRAPH V48ESGR8800

## Composition

- **V48E:** high carbon content flexible die-formed graphite rings
- **GR 8800:** Top & Bottom braided PAN carbon rings


## Characteristics

The Valvograph V48ESGR8800 is entirely made of graphite, ensuring high chemical and thermal resistance. Its extrusion-resistant structure, thanks to the presence of GR 8800 material in the top and bottom, ensures reliable sealing even in extreme conditions. The special trapezoid section of its rings offers improved sealing with reduced friction, ensuring optimal performance in a variety of industrial environments.

## Applications

This ring set is specifically designed for industrial valves and can be used to ensure effective sealing on steam, gas, and a wide range of chemical and petroleum products. However, it is important to avoid use with strong oxidants to ensure optimal and long-lasting performance.

## Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T °C	T °F
	300	4500	1	200	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
- Graphite and carbon cannot be used with oxidizing fluids



## Valvograph V48ESGR8800

The Valvograph V48ESGR8800 ring set is designed to deliver optimal performance in a wide range of industrial applications. Its advanced composition and technical features make it ideal for high temperature and pressure applications.



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)