



# PLANIGRAPH V48ESGR8800

## Composition

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

## Characteristics

The graphite gasket Planigraph 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 graphite gasket in 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 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.
- Flexible graphite and carbon yarns shall not be used with oxidizing fluids.



## Planigraph V48ESGR8800

The Planigraph V48ESGR8800 graphite gasket in 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 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.



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