



PLANIGRAPH V48EGR8807

Composition

- **Middle rings:** expanded graphite rings with high purity C > 99%.
- **Top & Bottom rings:** rings made of carbon yarn reinforced with Ni-Cr discontinuous microfilaments, **Incobraid® GR8807** type.

Characteristics

The Incobraid® Planigraph V48EGR8807 graphite gasket packing ring set provides reliable and long-lasting sealing in high-temperature and high-pressure environments. Thanks to its high-quality composition and advanced reinforcement technology, this graphite gasket set can withstand the most demanding conditions, ensuring continuous and dependable operation. The graphite is enriched with passive inhibitors against corrosion and oxidation.

Applications

This Incobraid® graphite gasket in ring set is ideal for industrial valves used in steam, gas, and most chemical and petroleum services. It is particularly suitable for high-temperature and high-pressure environments, offering a reliable and durable solution for a variety of industrial applications, excluding situations involving strong oxidants.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	500	1		200	0 ÷ 14	-200 ÷ 450 / 650	-330 ÷ 840 / 1200

- 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 V48EGR8807

The graphite gasket Planigraph V48EGR8807 is a graphite packing ring set designed to ensure optimal performance in high-temperature and high-pressure industrial environments. Its high-quality composition offers a reliable and durable solution for a variety of industrial 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 - info@carrara.it