



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/in ² | 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 graphit 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.



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