



VALVE PACKING PGT4 GR8622 S

Composition

PGT4 GR8622: Pure flexible graphite die-formed rings and graphite braided packing GR8622 as wiper rings

Graphite Features

| | | |
|--------------------|-------------------|---------|
| Density | g/cm ³ | > 1.00 |
| Carbon content | % | > 99.00 |
| Ash | % | < 1.00 |
| Sulfur content | ppmv | < 300 |
| Leachable chloride | ppmv | < 20 |
| Halogen content | ppmv | < 200 |

Characteristics

PGT4 GR8622 is the certified low emission stem seal complying with API std 622 3rd Edition and ISO 15848 BH C01 et C02 which makes a valid solution for reducing the type of seal used for the first use on new valves. Indeed, it can be used as much in the context of Oil & Gas and Chemicals, as in high pressure and temperature steam applications. PGT4 GR8622 it's a special valve stem graphite sealing set composed by die-formed flexible graphite and wiper braided rings style GR8622. PGT4 GR8622, which meets the Low Emission requirements, guarantees long life service. It fulfills the specifications IOGP S611 Annex E and F, S562 Annex T and U.

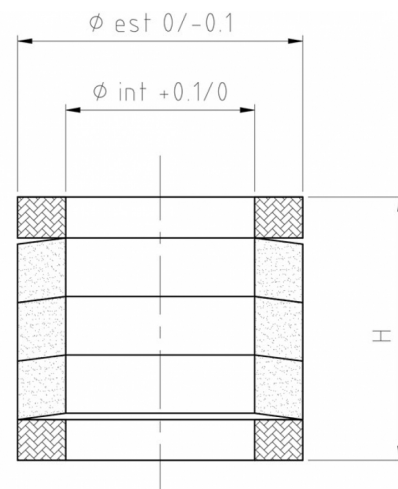
Applications

PGT4 GR8622 is specific for Low Emission services of Industrial Valves. Suitable also for HT/HP steam services.

Tech Data

| P bar | lbf/in ² | Vm/S | f/pm | pH | T °C | T °F |
|-------|---------------------|------|------|------|------------------|-------------------|
| 500 | 7500 | 2 | 400 | 0÷14 | -200 ÷ 450 / 650 | -328 ÷ 840 / 1200 |

- Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information
- 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



Valve Packing PGT4 GR8622 S

API std 622 3rd Edition packing approved. PGT4 GR8622 it's a special valve stem graphite sealing kit composed by formed flexible graphite and wiper braided rings style GR8622. Available also in the style PGT3 GR8622 only composed by braided rings style GR8622. PGT3 GR8622 is the full braided graphite rings stem seal which guarantees on service the low emission profile when the OEM packing PGT4 GR8622 has to be replaced.

APPROVALS

- ISO 15848 C01 BH
- ISO 15848 C02 BH
- API 622 3rd Edition
- Weight Loss Test EN 14772, section 6.7



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
GLOBAL SEALING SOLUTIONS

Carrara S.p.A.,
Via Provinciale 1/E - 25030 Adro - BS - Italia
tel. +39 030 7451121 / fax +39 030 7451130
www.carrara.it - info@carrara.it