



# PGT4 GR8622

## Composition

- **Intermediate rings:** rings made of pure flexible mineral graphite Planigraph
- **Top & Bottom rings:** graphite braided packing rings, **GR8622** style


## 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.

## Applications

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

## Tech Data

|   | P bar | lb/in2 | V m/s | fpm | pH     | T°C              | T°F               |
|---|-------|--------|-------|-----|--------|------------------|-------------------|
|  | 500   | 7500   | 2     | 400 | 0 ÷ 14 | -200 ÷ 450 / 650 | -328 ÷ 840 / 1200 |

- Never use the product at its maximum rated temperature and pressure. 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.
- Flexible graphite and carbon yarns shall not be used with oxidizing fluids.



## PGT4 GR8622

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



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