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 simultaneously. Consult the manufacturer for further information.
- When used with weakly oxidizing agents or hot air, the temperature shall not exceed **450 °C**.
- When used with steam or non-oxidizing fluids, the temperature shall not exceed **650 °C**.
- Flexible graphite and carbon yarn 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 sevice 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 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 GLOBAL SEALING SOLUTIONS

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