PGT3 GR8622

Composition

Middle rings and Top & Bottom rings: preformed rings of flexible reinforced graphite braid **GR8622** style

Characteristics

The PGT3 GR8622 expanded graphite is a packing for industrial valves.
The PGT3 GR8622 packing ensures high performance in operation across the full temperature range, while offering a low coefficient of friction.
PGT3 GR8622, certified for Low Emission according to API std 622 3rd Edition, maintains its elasticity and sealing properties over time, ensuring safe valve operation.

Applications

PGT3 GR8622 is specifically designed for industrial valves in Low Emission services according to API std 622. It is also suitable for HP/HT steam services and hydrogen applications.

Tech Data

	P bar	lb/in2	V m/s	fpm	pH	T°C	T°F
	500	7500	1	200	0 ÷ 14	-200 ÷ 450 / 650	-330÷ 840 / 1200

- Never use the product at its maximum rated temperature and pressure simultaneously. Consult the manufacturer for further information.
- The peak temperature can be sustained only for short exposure periods.
- 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.



PGT3 GR8622

Graphite stem sealing packing for industrial valves, made with expanded graphite sealing rings for Low Emissions services, approved according to API std 622 3rd Edition.

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.

GLOBAL SEALING SOLUTIONS

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