



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. Consult the manufacturer for further information.
- 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.



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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.



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