



PGT3 GR8622

Composition

Reinforced graphite packing made with preformed rings of GR8622 type flexible graphite braided gland packing


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	lbf/in2	Vm/S	f/pm	pH	T °C	T °F
	500	7500	1		0 ÷ 14	-200 ÷ 450 / 650	-330 ÷ 850 / 1200

- Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information
- The peak temperature can be sustained for short exposures
- 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



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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.



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.



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