



VALVE PACKING CONTROLLER 3 EVO

Composition

The kit is composed of pure expanded mineral graphite with a special metallic reinforcement and impregnation with a graphite-based compound and special components.

Characteristics

Controller 3 Evolution consists of braided rings made of printed strands of expanded graphite characterized by a special reinforcement. This material ensures very low weight loss during operation at high temperatures, meeting EN14772 - section 6.7 requirements, and offers a low coefficient of friction. Certified Low Emission TA LUFT VDI2440, it maintains its elastic properties and sealing performance over time with moderate retightening requirements. It is also available in Dry version for oxygen use.

Applications


Controller 3 Evolution is a specific stem seal for Low Emission Industrial Valves, but is also suitable for those with high pressure and temperature service.



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Controller 3 Evolution is a sealing kit consisting of expanded graphite gland rings Sigraflex®, certified Low Emission according to TA LUFT VDI2440 standards.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	500	7500			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
- 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



The information in this publication and otherwise provided to users is based on experience and is provided to the best of our current knowledge. Due to many factors which are beyond our knowledge and control affecting the use of the products, no warranties are given or are to be held implied with respect to such information. The operating limits shown in this publication do not constitute a statement that these values can be applied simultaneously. Do not use the product at the associated maximum temperature and pressure values. The maximum temperature can be sustained for short exposures in particular conditions. Specifications are subject to change without notice.



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