



# VALVE PACKING CONTROLLER-ONE Z

## Composition

- **V48Z:** Pure nuclear-grade graphite VALVOGRAPH
- **GR 8807 INCOBRAID®:** Graphite P.A.N. reinforced with discontinuous NiCr microfilament, impregnated with pure graphite, inorganic corrosion inhibitor, and zinc

## Characteristics

Controller-One EVO Z is entirely made of graphite, ensuring excellent chemical and thermal resistance. The special structure, with the presence of Incobraid® GR8807 as Top and Bottom, offers exceptional extrusion resistance, allowing for greater sealing with a lower clamping load. This makes it particularly suitable for applications with steam, gas, and most chemicals and petroleum products. However, use with strong oxidizers should be avoided.

## Applications

Specifically designed for valves, Controller-One EVO Z is suitable for ensuring sealing in a wide range of industrial services, including those with steam, gas, and chemicals. Its extrusion resistance and ability to maintain sealing even with a lower clamping load make it a reliable choice for industrial applications.

## Tech Data

P bar	lbf/in2	Vm/S	f/pm	pH	T °C	°F
300	4500	1	200	0÷14	-100 ÷ 450 / 650	-150 ÷ 840 / 1200

- The peak temperature can be sustained for short exposures
- With weakly oxidizing agents and hot air the temperature must be limited to 450 °C
- Graphite and carbon cannot be used with oxidizing fluids
- Do not use the product at maximum temperature values and for uses at pressures higher than those typical of the Flue Gases. Consult the manufacturer for further information.



## Valve Packing Controller-One Z

The set of expanded graphite rings with trapezoidal section (Valvograph V48Z) with head and bottom in GR8807 INCOBRAID® graphite braid represents a reliable solution to ensure sealing in a wide range of industrial applications.



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