VALVE PACKING CONTROLLER-ONE

Composition

Controller One is an innovative sealing gasket designed for valves with variable geometry, engineered to ensure safety and reliability while complying with regulations regarding the containment of VOC and HAP emissions. Its advanced configuration and use of high-quality materials ensure optimal performance in a wide range of industrial applications.

Characteristics

Controller One features an innovative truncated cone configuration of the graphite rings, allowing significant radial expansion even with modest clamping loads. The gasket is designed to be used as a stem seal for industrial valves with low emission requirements. Thanks to its all-graphite construction, it offers excellent chemical and thermal resistance, while the special section ensures greater sealing with a lower clamping load.

Applications

Ideal for use as a stem seal for industrial valves in a wide range of applications, Controller One is particularly suitable for environments with low VOC and HAP emission requirements. Its extrusion resistance and ability to adapt to various valve geometries make it a reliable choice for critical industrial applications.

Valve Packing Controller-One

The valve packing CONTROLLER-ONE it's a special graphite Cup & Cone stem sealing device designed and produced to offer a reliable product which comply the VOC and HAP fugitive emissions regulations.Three expanded graphite Sigraflex® E low density rings together two high density graphite rings, contained by two GR8807 Incobraid® rings working as wiper rings: this is Controller-One!

Tech Data

P bar	lbf/in2	Vm/S	f/pm	pH	T °C	°F
300	4500	1	200	0÷14	-100 ÷ 450 / 600	-150 ÷ 840 / 1110

- 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.

CARRARA®
GLOBAL SEALING SOLUTIONS