



# CONTROLLER-ONE

## Composition

**Graphite Rings:** sealing rings in graphite with Cup & Cone cross-section, molded with differentiated densities.

**Top & Bottom Rings:** braided rings made of Ni-Cr reinforced carbon yarns, type Incobraid® GR8807.

## Characteristics


This set of Cup & Cone-configured packings is composed of expanded graphite rings with high carbon content ( $C > 99\%$ ), molded with differentiated densities, and braided rings in the Top & Bottom positions made of Incobraid® GR8807, which ensures exceptional wear and extrusion resistance.

The innovative configuration of Controller One enables significant radial expansion of the graphite rings even with moderate tightening loads.

## Applications

Controller One is especially suitable for applications requiring low VOC and HAP emissions. Its extrusion resistance and ability to adapt to various valve geometries make it a reliable choice for critical applications. The packing is designed for use in industrial valves requiring frequent operation. Graphite stem packing suitable for a wide range of industrial applications.

## Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	300	4500	1	200	0 ÷ 14	-200 ÷ 450 / 650	-330 ÷ 840 / 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
- Graphite and carbon cannot be used with oxidizing fluids



## Controller-One

**Controller One** is an innovative stem packing made of graphite rings with differentiated cross-sections and densities, designed for industrial valves to ensure safety and reliability in compliance with VOC and HAP emission containment regulations. Its advanced configuration and use of high-quality materials ensure optimal performance across a wide range of industrial applications.



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**Carrara S.p.A.**,  
Via Provinciale 1/E - 25030 Adro - BS - Italia  
tel. +39 030 7451121 / fax +39 030 7451130  
[www.carrara.it](http://www.carrara.it) - [info@carrara.it](mailto:info@carrara.it)